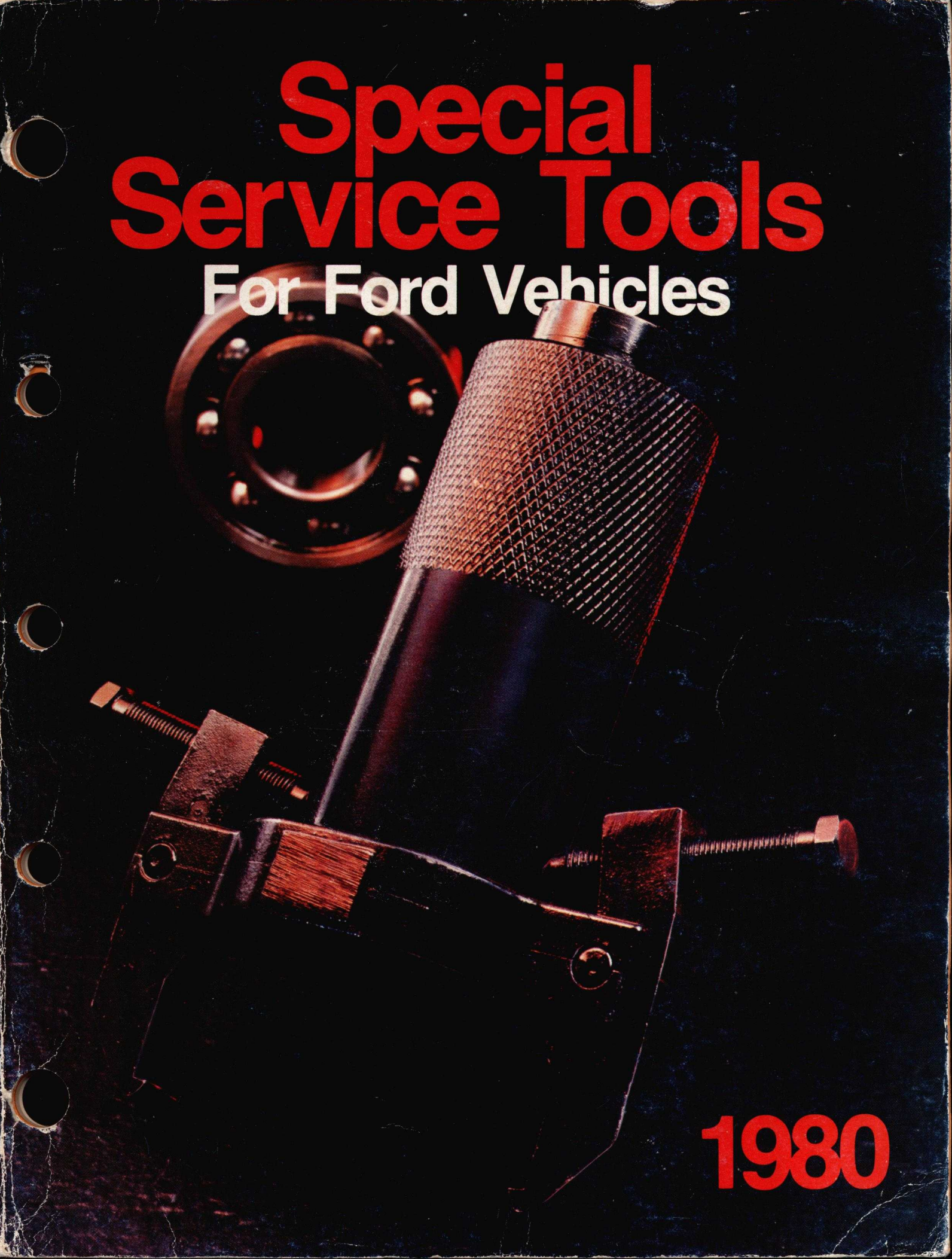
Special Service Tools

For Ford Vehicles



1980

IMPORTANT

Owatonna Tools, Inc. new phone number:

507-455-2626

For ordering information, see page **04—01** and the inside of the back cover.

NEW... time-saving, profit-making

special service tools

■ Here's a wide selection of unique car and truck service tools, chosen for versatility of application and high quality.

01-01

WEAR SLEEVE REPLACER SET

D80T-1173-A

- **Universal application . . . Services a wide variety of makes and models.**
- **Protects wiper sleeves from damage during installation.**

This new tool set allows for fast and correct installation of wear (wiper) sleeves on truck axles. The interchangeable aligners and replacers align and guide the drive tube for easy installation.

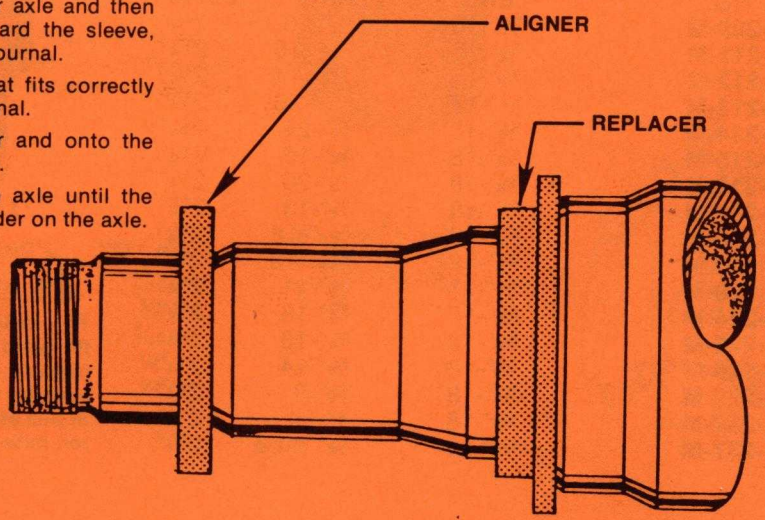
CONTENTS OF SET:

TOOL NO.	DESCRIPTION
D80T-1173-B	... Driver
D80T-1173-C	... Aligner
D80T-1173-D	... Aligner
D80T-1173-E	... Aligner
D80T-1173-F	... Aligner
D80T-1173-G	... Aligner
D80T-1173-N	... Wear Sleeve Replacer
D80T-1173-P	... Wear Sleeve Replacer
D80T-1173-R	... Wear Sleeve Replacer
D80T-1173-S	... Wear Sleeve Replacer
D80T-1173-T	... Wear Sleeve Replacer
D80T-1173-U	... Wear Sleeve Replacer

Note: See page 11-04 for aligner and replacer diameters.

For fast and trouble free installation of truck axle wiper sleeves all you need to do is:

1. Select the replacer that fits correctly over inner hub bearing journal.
2. Place the new wear sleeve over axle and then place replacer with flange toward the sleeve, over the axle onto the bearing journal.
3. Select and place an aligner that fits correctly onto the outer hub bearing journal.
4. Position driver over the aligner and onto the replacer against the wear sleeve.
5. Drive the wear sleeve onto the axle until the replacer stops against the shoulder on the axle.



SLIDE HAMMER PULLER WITH 5 LB. HAMMER

D79P-100-A

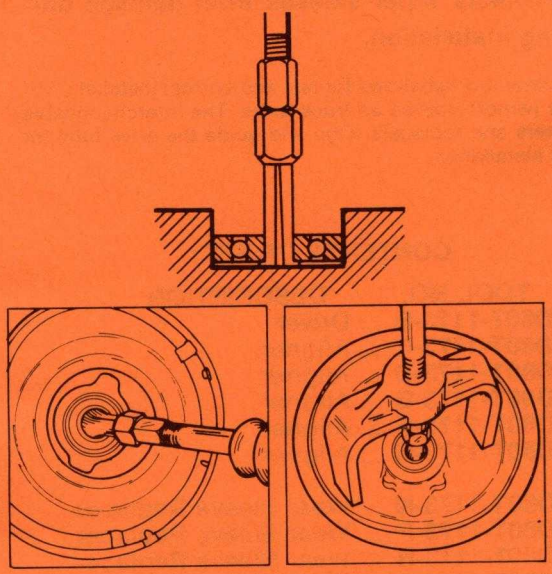
Has a 5/8"-18 threaded end to fit internal pulling attachments for removing bearing cups, oil seals, etc. Also accepts other common attachments. 24" in length.

D80L-100-A set covers a size range of 5/16" to 1¾" I.D., and includes a sturdy metal storage box.

BLIND HOLE PULLER SET

D80L-100-A

Removal of bearings, bushings, sleeves and other parts from blind holes can now be accomplished with ease. The set listed provides a complete selection of expanding collets ranging in size from 5/16" to 1¾". Collet is placed through bore of part to be removed, then expanded with actuator pin so that lips of collet secure a positive grip for pulling. Force is exerted by means of forcing screw and bridge assembly or slide hammer. Individual pieces can be ordered separately by part number listed below.

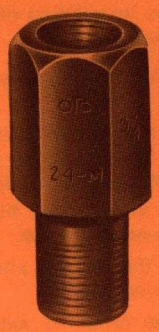


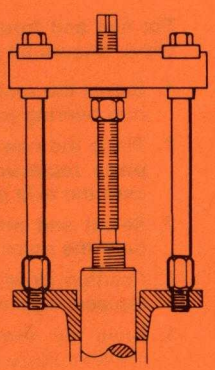
TOOL NO.	CONTENTS OF SET DESCRIPTION
D80L-100-B	Forcing Screw
D80L-100-C	Forcing Screw Nut
D80L-100-D	Hammer, 2½ Lb.
D80L-100-E	Shank and Tee Bar Assembly
D80L-100-F	Actuator Pin, 1/8" Dia., use with -K & -L
D80L-100-G	Actuator Pin, 3/16" Dia., use with -M thru -R
D80L-100-H	Actuator Pin, 1/2" Dia., use with -S thru -U
D80L-100-J	Metal Box
D80L-100-K	Collet — 5/16" to 3/8"
D80L-100-L	Collet — 3/8" to 7/16"
D80L-100-M	Collet — 7/16" to 1/2"
D80L-100-N	Collet — 1/2" to 5/8"
D80L-100-P	Collet — 5/8" to 3/4"
D80L-100-Q	Collet — 3/4" to 7/8"
D80L-100-R	Collet — 7/8" to 1"
D80L-100-S	Collet — 1" to 1¼"
D80L-100-T	Collet — 1¼" to 1½"
D80L-100-U	Collet — 1½" to 1¾"
D80L-100-V	Bridge
D80L-100-W	Bridge Assembly (-B, -C & -V)

MALE-FEMALE THREADED ADAPTERS

Used on ends of Push-Puller legs or forcing screws when pulling shafts, bearing caps, pinions and other parts.

TOOL NO.	FEMALE END	MALE END	LENGTH
D80L-209-M	5/8"-18	1/4"-20	2¼"
D80L-211-M	5/8"-18	5/16"-18	2¼"
D80L-212-M	5/8"-18	7/16"-14	2¼"
D80L-213-M	5/8"-18	7/16"-20	2¼"
D80L-214-M	5/8"-18	3/8"-24	2¼"
D80L-215-M	5/8"-18	3/8"-16	2¼"
D80L-216-M	5/8"-18	1/2"-20	2¼"
D80L-217-M	5/8"-18	1/2"-13	2¼"
D80L-218-M	5/8"-18	9/16"-18	2¼"
D80L-219-M	5/8"-18	9/16"-12	2¼"
D80L-220-M	5/8"-18	5/8"-11	2¼"
D80L-224-M	5/8"-18	3/4"-16	2¼"
D80L-225-M	5/8"-18	3/4"-10	2¼"
D80L-228-M	5/8"-18	7/8"-14	2¼"
D80L-229-M	5/8"-18	7/8"-9	2¼"
D80L-232-M	5/8"-18	1"-14	2¼"
D80L-237-M	5/8"-18	1/8" pipe	2¼"





CAUTION

The male-female threaded adapters and female threaded adapters may not withstand the full tonnage of the pullers they may be used with. For example: A 1/4"-20 thread will not withstand 30 tons of pull even though it is possible to use it with a 30 ton puller.

VACUUM TESTER

D80L-250-A

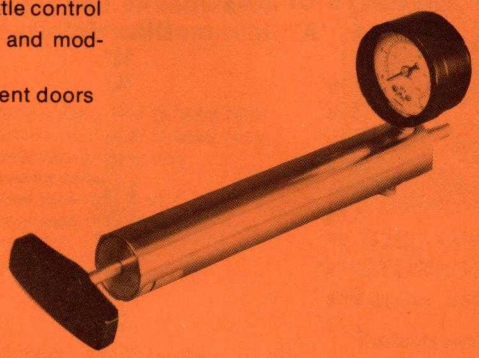
Easy-to-use, inexpensive, vacuum device, easily checks all vacuum operated components. This hand operated pump evacuates the diaphragm chamber and the unit is verified either by checking the vacuum gauge or actual observation of the part. Most components can be tested on the bench or on the car.

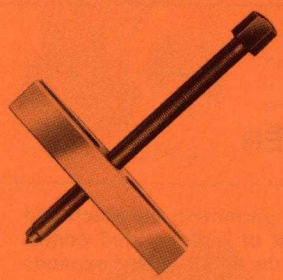
FUNCTIONS:

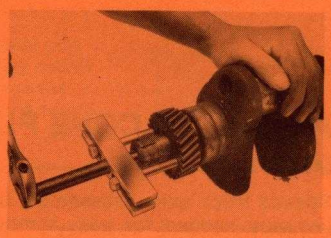
- Check distributor vacuum advance
- Check carburetor vacuum break units for choke and throttle control
- Check vacuum modulator on transmission for oil leaks and modulation
- Check operation of air conditioning vacuum hoses and vent doors
- Check vacuum door and trunk locks
- Check headlamp vacuum door and hoses
- Check headlamp switches for vacuum leak
- Check leak at vacuum reservoirs
- Check thermo vacuum switches
- Check water temperature valves

SPECIFICATIONS:

- Material — All Steel
- 1⅛" bore
- 6" stroke
- 0-30" Hg. Vacuum Gauge, 2" diameter.
- Shipped with three interchangeable 12" hoses (⅛", 3⁄16", ¼") and adapter for power valve testing.







LARGE GEAR AND PULLEY PULLER

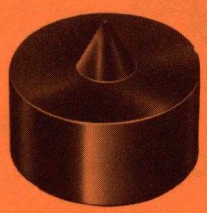
D80L-522-A

Removes parts having tapped holes, such as gears, pulleys, etc. Cap screws are not included with this puller, but any cap screws up to ½" diameter may be used. Spread range when used with ½" dia. cap screws: 2" to 7¾". Puller block is 8¼" wide, forcing screw is 11⅝" long.

SHAFT PROTECTORS

D80L-625-A

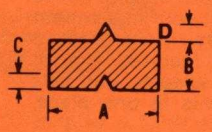
Designed to protect shaft centers from distortion when extreme pressures are applied with either pullers or push-pullers. The shaft protectors are used between the end of the puller screw and the shaft.

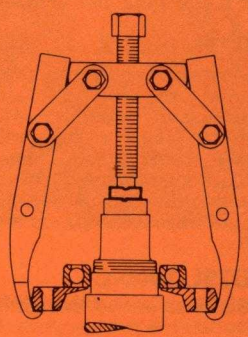


This set contains one each of the following:

CONTENTS OF SET:

TOOL NO.	"A"	"B"	"C" (60°)	"D" (60°)
D80L-625-1	1½"	¾"	⅜"	7⁄16"
D80L-625-2	1¼"	¾"	⅜"	⅜"
D80L-625-3	1"	¾"	⅜"	5⁄16"
D80L-625-4	¾"	¾"	¼"	¼"
D80L-625-5	⅝"	⅝"	¼"	¼"
D80L-625-6	⅝"	⅝"	3⁄16"	3⁄16"

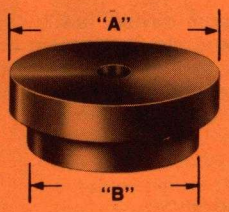




STEP PLATE ADAPTERS

D80L-630-A

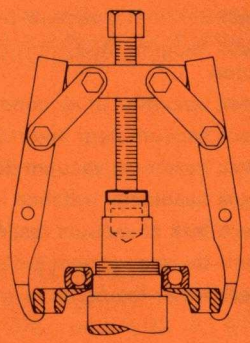
Step plate adapters are necessary for pulling and installing bearings, gears or other parts found on hollow shafts or housings. They may be used with pullers and push-pullers as well as shop presses. The puller screw forces against the adapter as shown at far left.

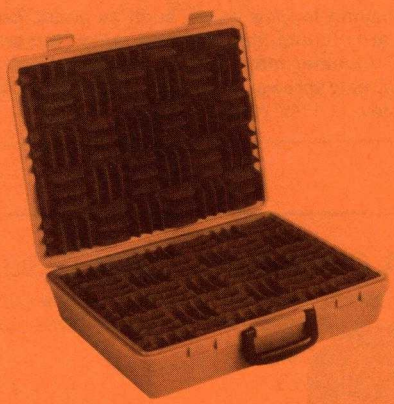


The Step Plater Adapter Set contains one each of the following:

CONTENTS OF SET:

PART NUMBER	DIA. "A"	DIA. "B"
D80L-630-1	1″	¾″
D80L-630-2	1⅛″	⅞″
D80L-630-3	1¼″	1″
D80L-630-4	1⅜″	1⅛″
D80L-630-5	1⅝″	1¼″
D80L-630-6	1¾″	1⅜″
D80L-630-7	1⅞″	1½″
D80L-630-8	2″	1⅝″
D80L-630-9	2⅛″	1¾″
D80L-630-10	2⅜″	1⅞″
D80L-630-11	2½″	2″





PLASTIC STORAGE BOXES

D79L-1000-B

Measuring instruments and other precision tools need protection from loss and knock-around abuse in the service department. Protect your investment in items such as dial indicators by storing them in this sturdy plastic case, which features interior foam cushioning. Also ideal for keeping tool sets with numerous small components in one place, safe from loss. Size is a generous 18½″ × 14½″ × 5″.

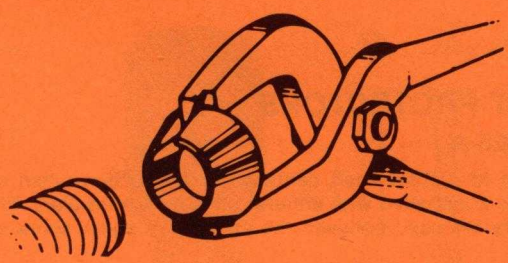
D79L-1000-C

Same as above, except is 12″ × 8″ × 3¾″ in size.

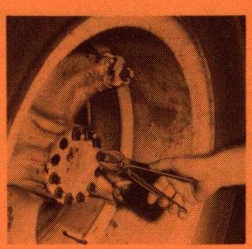
AXLE STUD CONE PLIER

D79T-1142-A

Speeds truck axle disassembly by permitting the reach and leverage needed for easy removal of tapered stud cones. Unique wedge-shaped jaw fits into the cone slot and expands the cone. No need to resort to makeshift methods which can damage stud threads.



Unique design expands tapered cone to speed disassembly of medium and heavy-duty axles.



REAR AXLE BEARING PULLER/INSTALLER SETS

- **Designed for use with hydraulic shop press. Services a wide variety of makes and models.**

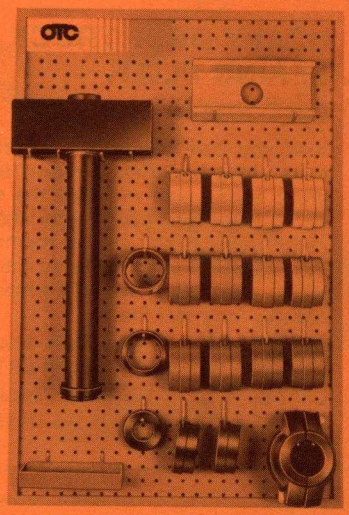
Enables you to perform rear axle bearing replacement on your own hydraulic press, in your own service department. No need to send your bearing jobs . . . and a slice of your service profits . . . to an outside machine shop. This set services most all American cars and light trucks, plus some foreign models. Special collars completely enclose bearing during removal, for operator's protection. Should bearings be broken, inner race removal presents no problem . . . special adapters for this purpose are included with set.

D79L-1165-A — Complete set, less storage board.
D79L-1165-B — Adapter set only. Order this set if you already own T75L-1165-B and T75L-1165-C rear axle bearing seal removal/ installation tools.

CONTENTS OF SET:

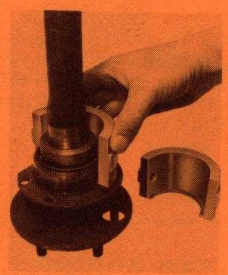
Pulling tube assembly**
Bearing installing plate**
Collet half*
Hex head cap screw*
Pulling collar half (2.748/2.835)*
Pulling collar half (2.638/2.677)*
Pulling collar half (3.150/3.268)*
Pulling collar half (3.000/2.890)*
Pulling collar half ((2.876)*
Pulling collar half (3.062/3.252)*
Pulling collar half (2.563/2.441)*
Inner race pulling ring
Driving collar
Inner race ring (half)*
Inner race ring (half)*
Spacer
Tube nut

*Two included **Not included in D79L-1165-B

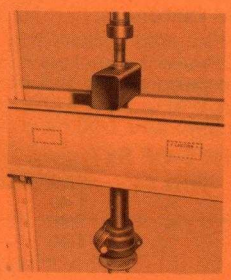


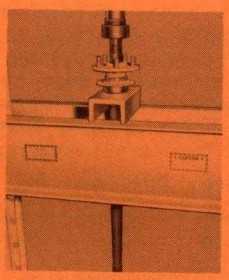
D79L-1165-C STORAGE BOARD (order separately)

Protects set contents from loss, enables the mechanic to quickly select needed adapters.



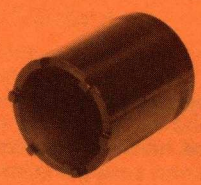
Positive grip pulling collars engage the bearing firmly.





REMOVAL & INSTALLATION

Tooling is used with an hydraulic forcing press.



FRONT WHEEL BEARING LOCK-NUT SPANNER

D78T-1197-A

This 6-lug spanner fits 1978 thru current Ford ¾-ton, 4×4 front axle lock-nuts, as well as 1973 thru current GM ¾ and 1-ton, 4×4 front axle lock-nuts. Has ½" square drive opening, permitting use of a torque wrench for proper tightening.

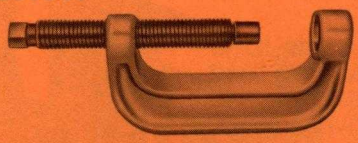
SLIDE HAMMER BEARING PULLER

D78P-1225-B

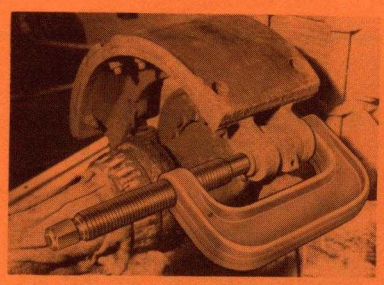
May be used with either two or three jaws, with jaws providing an inside or an outside grip, depending on the part to be pulled. Has 5 lb. sliding hammer. Ideal for pulling bearings, outer races, grease retainers, oil seals, etc. Shaft has ⅝"-18 threaded end.

TRUCK BRAKE ANCHOR PIN PRESS

D79T-2000-A



- **Remove rusted pins easily with mechanical screw power.**



With this rugged C-frame press you can remove the often rusted, hard-to-budge truck brake anchor pins. No need to resort to makeshift, sledgehammer methods that all too often damage costly brake spiders. With this quality tool, you can handle anchor pins up to 1¼" in diameter.

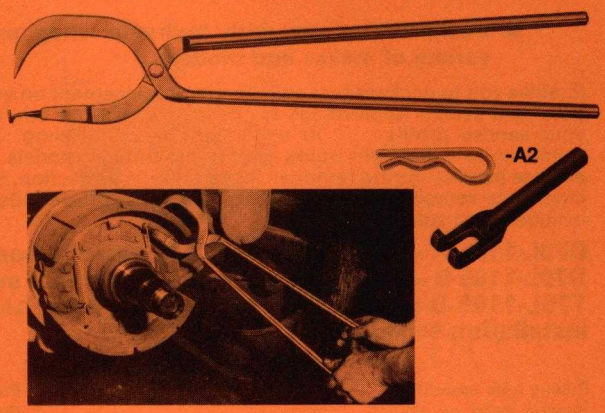
HEAVY DUTY TRUCK BRAKE SPRING PLIER

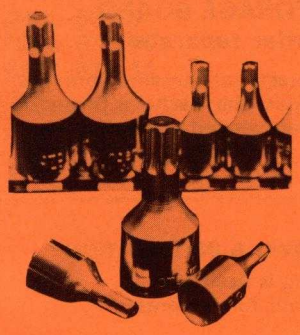
D80T-2035-A

Now you can save time and effort removing and replacing extra-heavy brake shoe return springs. This heavy duty truck brake spring plier provides the extra leverage needed for servicing hydraulic, wedge type and "S" cam air brakes used on many trucks and trailers. Its mammoth size, 26¼" long, gives you the leverage demanded to do the job and the huge jaw opening allows servicing of even the widest brake shoes. Replaceable tip assures long tool life.

D80T-2035-A — Heavy duty truck brake spring plier with replaceable tip No. -A1 and tip Kit No. -A2 included.

D80T-2035-A2 — Tip kit . . . replaces standard tip when servicing "S" cam type brake return springs.





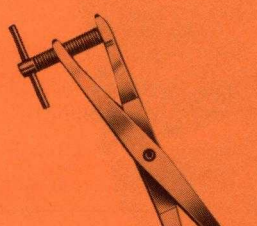
TORX® DRIVE BITS — D79P-2100-T

- **For quick, easy removal and installation of nine popular sizes of Torx head fasteners.**

With this set of specially designed sockets you can remove and install Torx head fasteners . . . the right way! You can use the sockets for such applications as door strikers, seat belt bolts, bumper bolts, head lamp bezels and many more. Nine sockets are included in this universal set, in sizes from T-10 to T-50, with a convenient socket holding bar. Nos. T-10 thru T-30 have a ¼" sq. drive; T-40 thru T-50 have ⅜" sq. drive.

CONTENTS OF SET:

Size	Drive Sq.	Size	Drive Sq.	Size	Drive Sq.
T-10	¼"	T-25	¼"	T-40	⅜"
T-15	¼"	T-27	¼"	T-45	⅜"
T-20	¼"	T-30	¼"	T-50	⅜"

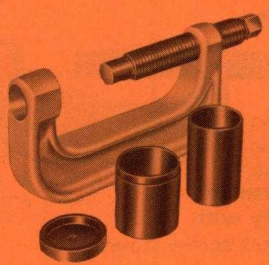


DISC BRAKE PAD SPREADER — D79L-2196-A

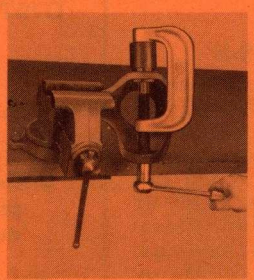
No longer must disc brake pad installation be awkward, hard and time consuming. The Disc Brake Pad Spreader fits between the two new pads being installed, is then expanded to retract the piston. With the pads now held firmly in place, you have both hands free to start the caliper over the rotor. After it's started, the spreader is removed and you slide the caliper over the rotor the rest of the way. Works on all standard and four-piston caliper disc brakes.

4-WHEEL-DRIVE BALL JOINT SERVICE SET

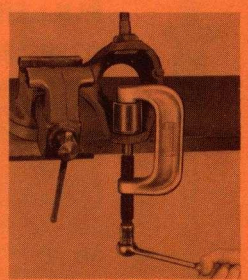
D79T-3010-A



Now you can take on 4-wheel-drive vehicle ball joint service with a tool designed specifically for that job. This service set is designed for use on press-in type ball joints on 1967 thru current ½ and ¾-ton Dana model 44 open yoke front axles used on Ford, GM, Dodge, IHC and Jeep 4-wheel-drive vehicles. With the heavy-duty C-frame press you can tackle even rusted and corroded ball joints with ease. The set is complete with the necessary removing and installing adapters and instructions.



With steering knuckle in a vise, upper ball joint is pressed out.

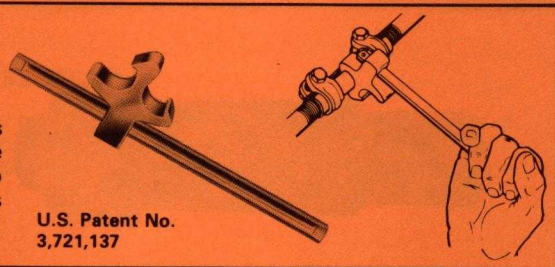


Removal of lower ball joint is performed with this set-up.

TIE ROD ADJUSTING TOOL

D79P-3283-A

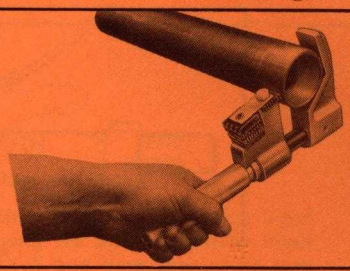
Don't reach for a pipe wrench when tie rod adjustment is necessary. This new tool easily does the job the right way! Permits 360° rotation of sleeve for required adjustment. Four-position feature lets you locate tool to grip sleeve properly . . . even when access is limited. Universal — services most models of compact and standard-size passenger cars and light trucks.



U.S. Patent No. 3,721,137

UNIVERSAL OUTSIDE THREAD CHASER — D79T-4000-A

Precision dies restore threads to their original condition to make re-assembly of matching parts faster and easier. Eliminates the need for expensive thread-cutting equipment. Operation: Tighten the tool slightly on the good threads, then back off over the damaged thread area to restore the threads. The aluminum alloy V-pad will not damage the threads. V-pads and dies can be replaced when worn out. Capacity: from 1¼" to 5" O.D.



U.S. Pat. Nos. 3,871,553 and 238,253. Canadian Pats. Issued.

SEALANT DISPENSER — D79L-4000-B

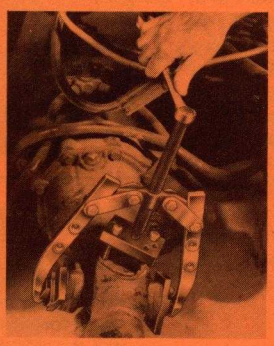
- **Cut preformed gasket inventory without cutting coverage.**

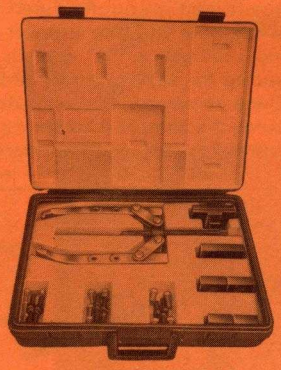
Today's highly stressed automotive components demand gaskets that are properly installed and applied. When used in conjunction with an "instant" gasket compound, the Sealant Dispenser delivers a seal that is simple and sure. This method eliminates many gasketing problems and cuts down on material usage. Compact and lightweight, comes complete with 6-foot, ¼" nylon hose for easy hook-up to your existing shop air supply. Requires only 25 p.s.i. of air pressure to operate.

SERVICE SET FOR HEAVY-DUTY SPICER UNIVERSAL JOINTS

D79T-4635-A

No longer must the disassembly of the heavy-duty Spicer universal joints be such a difficult task. This new service set for Spicer bolted end-cap type universal joints removes even the most rusted and corroded bearings easily, mechanically, without damage to costly U-joint components, even where the space is limited. Applies up to 7 tons of force to separate the yoke assemblies and remove the bearings the right way. This rugged, dependable removing tool was specifically designed for universal joint removal, eliminating makeshift, sledgehammer methods too often used. It's designed to service a full range of Spicer universal joints — 1600 thru 1880-series.



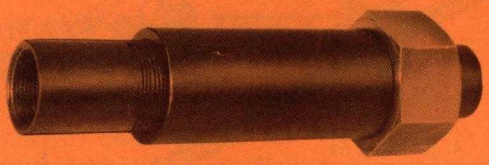


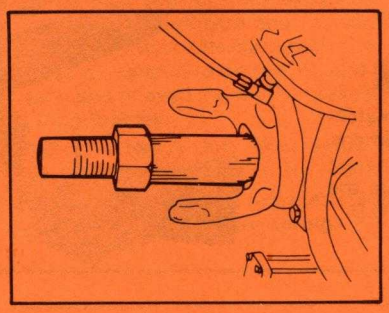
TRUCK PINION LOCKNUT SOCKETS

The answer to the often frustrating, time consuming task of trying to remove/install transmission and differential end yoke locknuts . . . sockets designed to withstand the high torques required in these applications. Seven thin wall sockets, engineered with the proper clearance to fit the yoke and locknut assembly on a wide variety of truck transmissions/differentials. Sockets have 3 inches of usable depth, 4 inch overall length. Eliminates the need to grind or modify a standard socket to provide the necessary clearance. Order sockets to fit your needs from the size chart.

TOOL NO.	SIZE
D80T-4851-A	2" - 6 Point
D80T-4851-B	2⅛" - 6 Point
D80T-4851-C	2¼" - 6 Point
D80T-4851-D	2⅜" - 6 Point
D80T-4851-E	2½" - 6 Point
D80T-4851-F	2⅝" - 6 Point
D80T-4851-G	2¾" - 6 Point

NOTE: Use the above listed sockets with ¾" square drive, manually powered handles only. Warranty void if tool is subjected to impact wrench use.





Differential Yoke Installing Tools

Here are two special tools needed in shops performing truck work. Servicing of many Rockwell truck differentials involves installation of the end yoke onto the splines of the pinion, input, output or through shaft, depending on the particular differential model involved. The interference fit between yoke and shaft makes yoke installation a challenge, too often met with unworkmanlike sledgehammer methods. These tools press the yoke in place with forcing screw action, eliminating costly part damage.

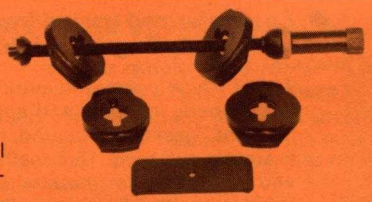
D80T-4859-A — Installing tool for input yokes on 140, 155, 255, 355, U-240, 340, SHR, THR, UHR, TDR, TDF, UDR, UDF, RDR, RDF, FDS-1805, 1807, 1808, D-464F, H-172, L172, L600, QHP and QAR. For output yokes on SHD, THD, UHD, TDD, RDD, DD-4640, TDF, RDF, UDD, UDF, D-4640-F and QHP.

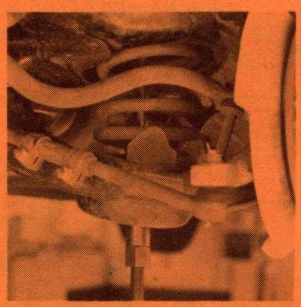
D80T-4859-B — Installing tool for input yokes on LHD, QHD, SLHD, SQHD, SHD, SHF, RDD, TDD, UDD and DD-4640.

FRONT COIL SPRING COMPRESSOR

D78P-5310-A

Takes the worry out of replacing front coil springs when the spring is located between upper and lower control arms. Four case hardened, self-aligning plates are included for use on all 1955 thru current Ford, GM and Chrysler vehicles; assure proper load distribution of tool components under tension. Threaded rod is positioned through lower control arm shock hole and into support plates. Turning rod with a 1¼" wrench compresses spring for easy removal and installation. Once removed, special safety plate secures the compressed spring to bench for controlled release of spring tension.

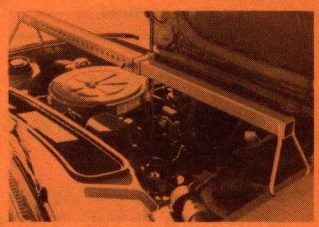




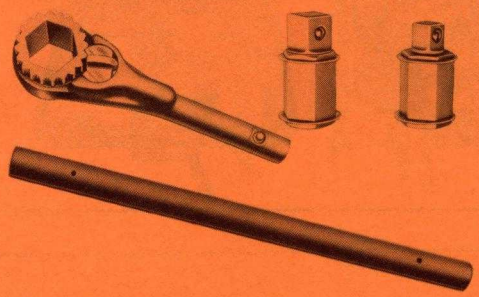
ENGINE SUPPORT BAR

D79P-6000-A

Supports the engine of the Ford Fiesta for removal of the transaxle. Eliminates the use of makeshift methods. This quality-built unit is also adaptable to other makes of cars having front-drive, transverse engines.



Engine is solidly supported during removal of transaxle.



HEAVY-DUTY REVERSIBLE RATCHET

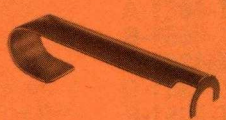
A truly rugged, dual-duty tool . . . 1½" hex opening can be used to power certain puller screws, as well as on other nuts of this size. Also used as a regular ¾" or 1" drive reversible ratchet, merely by adding adapter plugs. Open ratchet mechanism for ease in cleaning. Tubular handle provides necessary leverage. Wrench will withstand 1,350 ft. lbs. of torque.

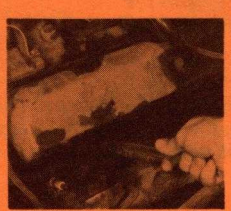
D79L-6250-A — Ratchet head (only).
D79L-6250-C — Ratchet adapter, 1½" hex to ¾" sq. drive.
D79L-6250-D — Ratchet adapter, 1½" hex to 1" sq. drive.
D79L-6250-B — Tubular handle, 24" long.

SPARK PLUG BOOT PULLER

D79P-6666-A

Baked on plug wire boots are no longer a problem, with this new tool. Since all the pulling force is exerted on the boot, not the wire, there is little chance of the wire being separated from the boot, a problem necessitating replacement of the wire.

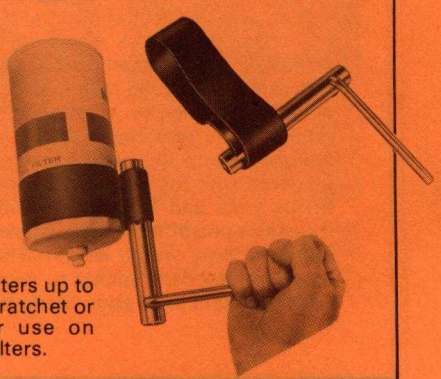




HEAVY-DUTY FILTER WRENCHES

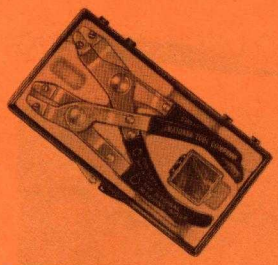
D79L-6731-A

Removes most any size (up to 6 inches) oil, fuel or coolant type spin-on filter. Rugged nylon strap holds firmly, won't slip. In fact, the more leverage applied, the tighter it grips. Swivel handle and ⅜ inch square drive end lets you clear obstructions around filter.



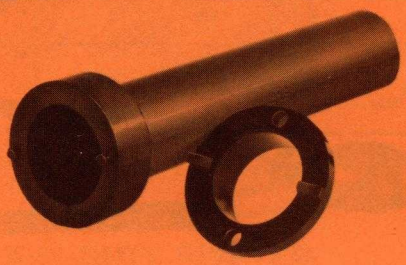
D79L-6731-B

Similar to above, except handles filters up to 3¾" diameter. Use with a ½" drive ratchet or ¾" open-end wrench. Ideal for use on foreign cars with small diameter filters.



RETAINING RING PLIERS — D79L-7000-A

This very handy kit consists of one internal and one external retaining ring plier with four sizes of interchangeable tips to cover a wide range of ring sizes. The set includes four 90° tips (.035" dia.), four 45° tips (.045" dia.) and eight straight tips in .045" and .060" diameters. Pliers and tips are contained in a handy plastic storage case.



Transmission Input Shaft Tool

D80T-7017-A

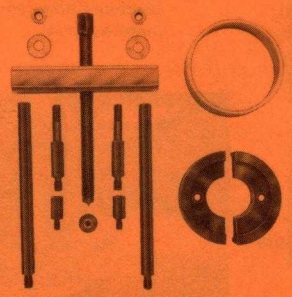
This 3-in-one transmission input shaft tool allows you to replace input shaft bearing on Fuller Transmissions having 1¾" and 2" diameter input shafts. This operation can be a very difficult and time consuming task when the proper tools are not readily available. The unreliable hammer and punch method inevitably causes damage to the nut during removal, while tightening the locknut to the proper torque during installation is total guesswork. The tool's reversible head fits both locknut styles used on Fuller transmission input shafts up to 2" in diameter.

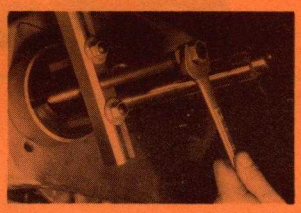
D80T-7017-A — Transmission input shaft bearing locknut tool, for Fuller Transmissions having 1¾" and 2" diameter input shafts.

BEARING SERVICE SET FOR FULLER TRANSMISSIONS

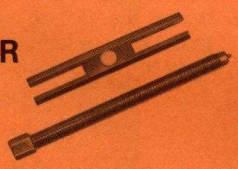
D79T-7025-A

Designed for removing input shaft bearing, main transmission front countershaft bearings and auxiliary section countershaft bearings on Fuller models 910-913 and 915 twin countershaft truck transmissions. Also removes 1600-1800 series end yokes. Utilizing 10 tons of mechanical power, this unique service set greatly reduces the time necessary to remove the four countershaft bearings and input shaft bearing.





OUTPUT SHAFT END YOKE PULLER FOR FULLER TRANSMISSIONS



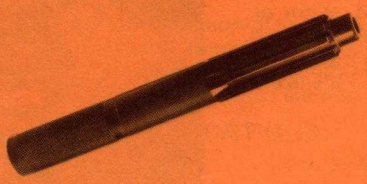
D79T-7025-B

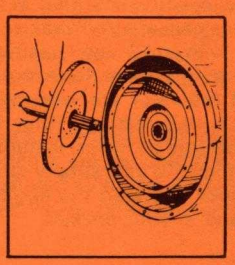
This tool is included in the D79T-7025-A set listed at left, but is also available separately. Easily removes 1600-1800 series end yokes from output shafts.

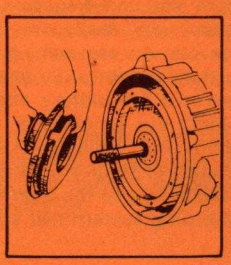
TRUCK CLUTCH ALIGNMENT TOOLS

Easily align double disc clutches. Tool won't get hung up on the pilot bearing or clutch splines.

D79T-7550-A — For 1½" shaft.
D79T-7550-B — For 1¾" shaft.
D79T-7550-C — For 2" shaft.



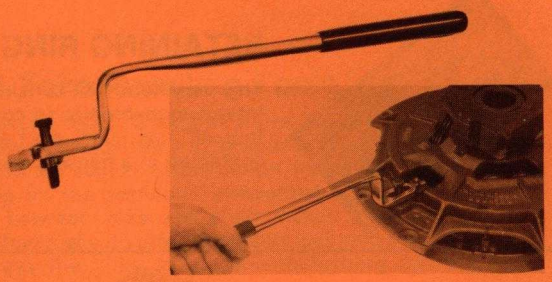




ADJUSTING WRENCH FOR SPICER-BUILT HEAVY-DUTY CLUTCHES

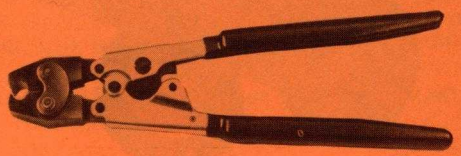
D79T-7563-A

This easy-to-use adjusting wrench for Spicer clutches will solve the difficult, time-consuming job of internal adjustment of Spicer angle-spring and multiple lever clutches found on nearly 50% of all heavy-duty trucks. Until now, a pry-bar or other makeshift methods were used and often resulted in damage to parts, poor job-performance and excessive downtime.



MANUAL CLAMP CRIMPER — D79P-9481-A

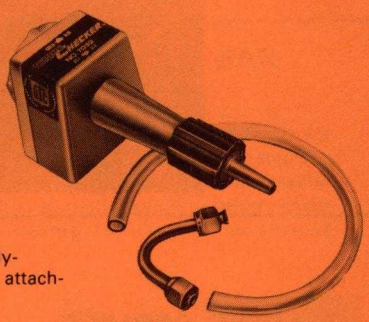
This ruggedly-built, special-purpose tool is designed to remove and replace the stainless steel clamps of tubing on the EGR system cooler and on the bypass to the catalytic converter.



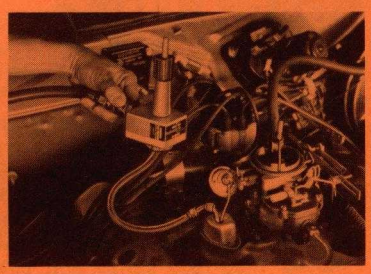
CHOKE TESTER — D79P-9500-A

- **Fast, easy checking of choke operation to end choke service come-backs.**
- **Also generates hot air to check automatic temperature control systems.**

No longer must you wait for engine cool-down before tackling a choke adjustment job. This tester generates cold air (20°-30° F.) to chill the controlling bi-metal, closing the choke butterfly in about 60 seconds. Technician can observe choke operation, make needed adjustments, then repeat the test to verify proper operation. There's no guesswork, and no come-back of a dissatisfied customer! Easy to use . . . just connect to shop air supply.



Set includes tester, 12" polyurethane hose and special attachment adapter.



Use tester to apply hot or cold air to in-car sensor of automatic temperature control system.

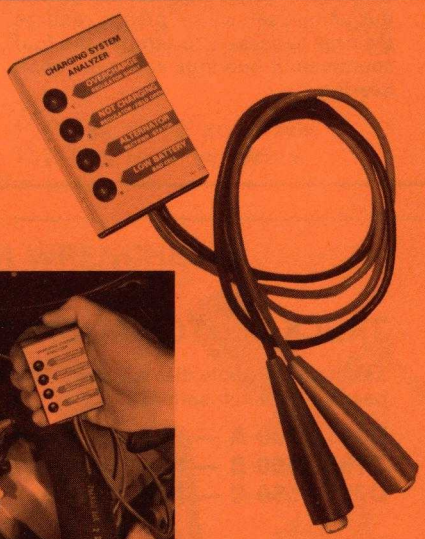
U.S. Patent Nos. 3,786,643 and 231,943. Foreign Pats. Issued, Canadian Pats. Issued.

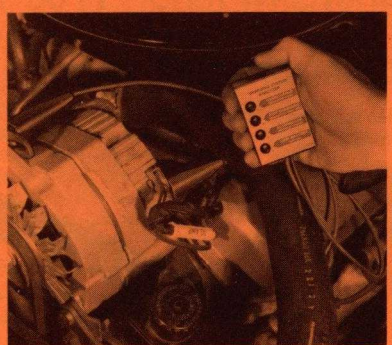
CHARGING SYSTEM ANALYZER

D79L-10000-A

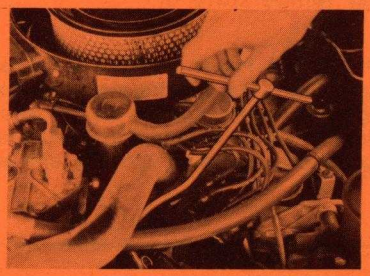
- **Checks condition of battery and regulator performance.**
- **Pinpoints suspected faulty alternator components.**

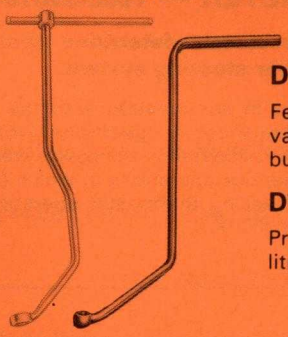
Now you can diagnose suspected charging system problems quickly and easily with this pocket-sized analyzer. It's designed for use on any vehicle with a 12 volt, positive or negative grounded alternator charging system. In seconds you can discover if the battery and regulator are working properly and single out an open or shorted rectifier, rotor field, stator or diode trio. Solid state design provides instant read-out; no meters or scopes to decipher. To use, simply attach the clip-on connectors to the alternator and start the engine — it's like a charging system test stand in your pocket!





DISTRIBUTOR LOCK-NUT WRENCHES





D79P-12270-A

Features a unique sliding handle which permits use on a variety of cars with either front or rear-mounted distributors. Has ½" double-hex opening.

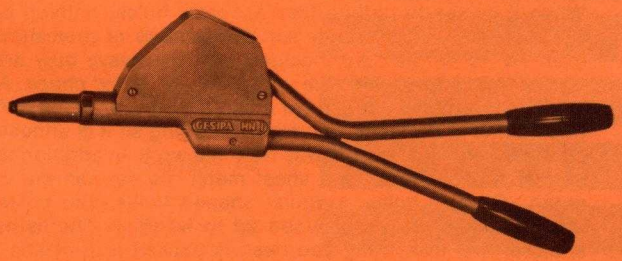
D79P-12270-B

Provides access to lock-nuts on Ford-built vehicles with 2.8 litre V-6 engines. Has a 13 mm double-hex opening.

HEAVY-DUTY RIVETER

D80L-23200-A

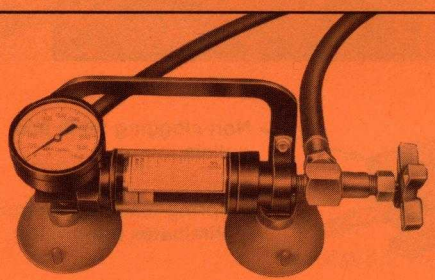
This all-purpose blind hole riveting tool performs the heaviest duty jobs in the shop . . . provides over lever action for setting blind rivets up to and including ¼" diameter stainless steel.



CONTENTS OF HEAVY/DUTY RIVETER SET

3/16" nosepiece supplied in working position. 5/32" and ¼" nosepiece supplied as accessories. Maintenance wrench service instructions and spare parts list. Nosepiece for window regulator and door handle rivets.

Riveter being used to install blind rivets in a vehicle window regulator assembly. Also, can be used to fasten window stops or door handles.



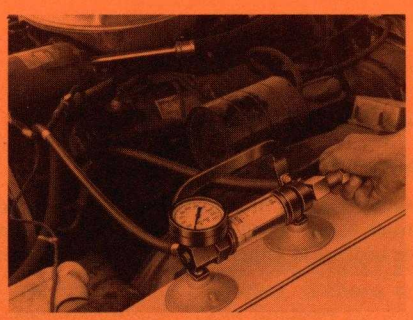
POWER STEERING SYSTEMS ANALYZER

D79L-33610-A

- **Provides an accurate check of the complete power steering systems on cars and light trucks.**
- **Read-outs pin-point problem conditions or faulty components in Ford-Thompson, C-II and Saginaw power steering systems.**

When used as outlined in the Ford Shop Manual, this analyzer enables the mechanic to accurately check a vehicle's entire power steering system. Permits easy diagnosis of the cause of hard steering and/or lack of assist problems. Analyzer provides read-outs which indicate: 1. System back pressure; 2. Pump flow; 3. Steering gear internal leakage; 4. Power steering control valve and cylinder internal leakage.

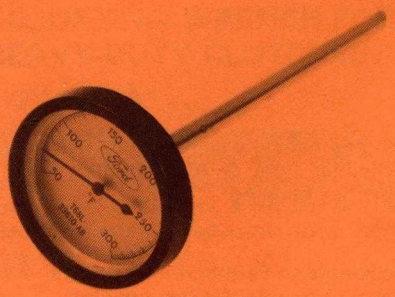
Interpretation of the above-listed read-outs will determine which of the following conditions or components are causing the problem: Restriction in hoses or fittings; control valve and cylinder; sticking gear valve; inefficient pump cam pack; sticking relief valve; binding in suspension.



Analyzer's suction cups hold unit securely to vehicle's fender during test procedure.

SPECIFICATIONS:

P.S.I. . . . . 0 to 2000 G.P.M. . . . . 5 to 4
Wt. . . 10 lbs. Storage case size . . . . 18½" × 15¼" × 5"



THERMOMETER — T68L-33610-A1

- **Used to accurately determine operating temperature of fluid in power steering system.**

Intended for use in combination with the D79L-33610-A Power Steering Systems Analyzer in trouble-shooting operations involving vehicle power steering systems. Has 5⅞" probe which is inserted in the power steering pump reservoir during testing. Also useful in other service operations in which precise knowledge of fluid temperature is desired, as in checking thermostat operation, coolant temperature, etc. The unit is calibrated 50° to 300° F.

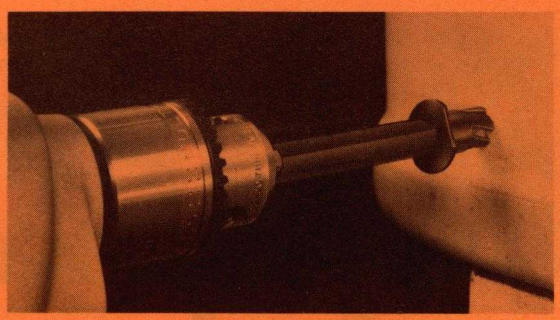
HOLE DRILL SET

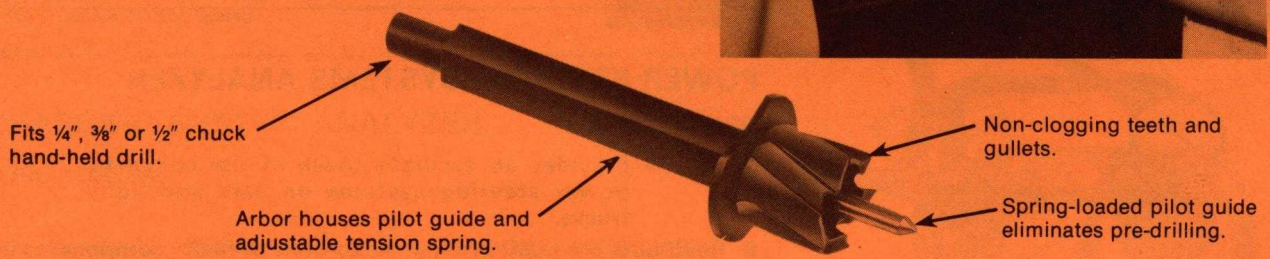
D80L-42000-A

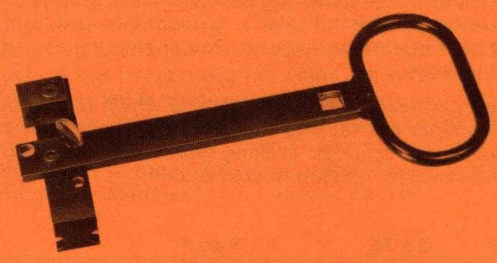
When it comes to cutting fast, accurate holes, nothing beats the D80L-42000-A Hole Cutting Set. Seven sizes of precision cutters, from 5/16" to ¾" dia., are included with the heavy duty arbor. The arbor fits any handheld drill with a ¼", ⅜" or ½" chuck. A spring-loaded pilot guide in the arbor eliminates the need for pre-drilling. Each cutter is designed to prevent clogging so it is unnecessary to lift the drill to clear chips away from the work. In addition to cutting perfect holes in steel and sheet metal the set can cut precision depth "O" ring holes, irregular shaped holes, and holes into or through pipes, plastic or wood up to ¼" thick. The list is almost endless. And everything you need is packed in a plastic carrying case that fits easily into any tool box.

CONTENTS OF SET:

TOOL NO.	SIZE	DESCRIPTION
D80L-42000-A1		Arbor: Fits ¼", ⅜" or ½" chuck. With spring loaded pilot guide. Allen wrench: To adjust pilot guide spring tension.
D80L-42000-A2	5/16"	Cutter
D80L-42000-A3	⅜"	Cutter
D80L-42000-A4	7/16"	Cutter
D80L-42000-A5	½"	Cutter
D80L-42000-A6	9/16"	Cutter
D80L-42000-A7	⅝"	Cutter
D80L-42000-A8	¾"	Cutter




Fits ¼", ⅜" or ½" chuck hand-held drill.
Arbor houses pilot guide and adjustable tension spring.
Non-clogging teeth and gullets.
Spring-loaded pilot guide eliminates pre-drilling.



TORSION BAR TOOL — D79P-44890-A

- **For easy adjustment of deck lid torsion bars.**

This ruggedly-built special tool makes the task of adjusting vehicle deck lid torsion bars less hazardous and much easier. Both removal and installation of deck lids are simplified with this tool, as is adjustment for proper operation.

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NOTE

This 1980 Special Service Tools Catalog is divided into sections which correspond with the groups in the Ford Shop Manuals. If there is not a corresponding section in this catalog, please refer to the Miscellaneous Tools Section for any available special service tools.

INTRODUCTION

03-01

This catalog identifies all Special tools that are available to perform maintenance on Ford Vehicles thru the current model year.

Owatonna Tools, Inc., a wholly owned subsidiary of the Owatonna Tool Company, has been the sole distributor of all Ford Service tools for the U.S.A., since September 1969.

The development and distribution of this new and improved Service Tool Catalog and the availability of fast and excellent service in supplying you Special Service Tools will enable you to perform faster and more accurate service.

This 1980 Special Service Tools Catalog is divided into sections which correspond with the groups in the Ford Shop Manuals. If there is not a corresponding section in this catalog, please refer to the Miscellaneous Tools Section for any available special service tools.

Order procedure, warranty and return policy can be found on the following pages.

TOOL IDENTIFICATION

The Special Service Tools have a unique numbering system and are similar to the Parts and Shop Manual system, such as:

TOOL NUMBER EXAMPLE — (T69)◄ Prefix — (6000)◄ Basic Number — (F)◄ Suffix

You may also think of the component to be serviced, apply the basic Part Number and select the proper tool, such as:

Part Number 6250 — T71P-6250-A — Cam Bearing Replacer

When the basic number of one or more are the same, they are in order by the prefix, then by the suffix. Prefixes and suffixes are supplemental identification for a particular part.

In the prefix the "T" stands for "TOOL", the numerals for the year of the original design, and the last letter, the original application.

When the basic number includes letters, the letters are considered a zero for numerical order. Example: 3B177 would be numerically listed at the point where 30177 would appear.

SPECIAL SERVICE TOOLS ARE EASY TO ORDER

04-01

To order your tools simply contact Owatonna Tools, Inc., by mail, telex or phone.

If you wish to order by mail, send your order with your complete address to Owatonna Tools, Inc., Owatonna, Minnesota 55060 or use the handy pre-addressed order forms (provided at the rear of this catalog). Additional forms are available upon request.

If you wish to use our Telex, the number is 29-0876.

If you would like to call us, our phone number is 507-455-2626.

Customer Special Service is available for the unusual situations.

A. Emergency orders. In these cases call us and place your order. Please specify that you do have an emergency order. Shipment will be made the same day if at all possible.
B. If you require information regarding tracing, order follow-ups, pricing information or assistance in any way, please call or write.

State and local sales taxes will be added to the invoice if applicable.

All tool shipments will be made F.O.B. Owatonna, Minnesota. Shipments will be made by any method specified. Normal methods include United Parcel Service, Parcel Post or Air Parcel Post.

TERMS

Terms are Net 30 days F.O.B. Owatonna, Minnesota on open accounts or cash with orders. On cash with orders please include approximate freight costs (approximately 3% of cost of goods ordered). C.O.D. shipments are also available.

WARRANTY

All OTI tools and equipment are warranted against defects in materials and workmanship for 90 days from date of delivery to user. This warranty does not cover any tool or piece of equipment that has been abused, worn out, heated, ground or otherwise altered, used for a purpose other than that for which it was intended, or used in a manner inconsistent with any instructions regarding its use. The exclusive remedy for any item found to be defective under this warranty is limited to the repair or replacement of the defective tool or piece of equipment, and OTI shall not be liable for any consequential or incidental damages. Final determination of defects shall be made by OTI in accordance with procedures established by OTI. No agent, employee or representative of OTI has any authority to bind OTI to any affirmation, representation or warranty concerning OTI products, except as stated herein.

DISCLAIMER

THE ABOVE WARRANTY IS IN LIEU OF ANY OTHER WARRANTY, EXPRESSED OR IMPLIED, INCLUDING ANY WARRANTY OR MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

RETURN GOODS POLICY

If for some reason you wish to return goods you have recently purchased, return them to Owatonna Tools, Inc., Owatonna, Minnesota 55060, attention, Rose Street Warehouse. Enclose a copy of the original invoice and advise us whether you want a replacement, a different item or credit.

All returned goods must be shipped back on a prepaid basis.

Returned equipment will be thoroughly inspected upon receipt. Full credit or replacement will be issued providing equipment has not been used and is complete with all parts. Owatonna Tools, Inc. reserves the right to assess a repackaging or restocking charge on all returned merchandise.

DAMAGED ITEMS

If merchandise has been damaged in shipment, notify the transportation company at once so you do not lose your right to file claim with the carrier. Do not return broken or damaged merchandise to Owatonna Tools, Inc. without first contacting Owatonna Tools, Inc.

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T80L-77003-A	17-10
T80L-77005-A	17-10
T74P-77028-A	17-09
T74P-77030-B	17-09
T80L-77030-A	17-10
T80L-77030-B	17-10
T80L-77034-A	17-04
T71P-77041	08-04
T71P-77042	08-04
T74P-77052-A	17-04
T73P-77060-A	17-02
T80L-77100-A	17-10
T73J-77103	17-08
T74P-77103-A	17-07
T74P-77103-B	17-07
T74P-77103-C	17-07
T74P-77103-D	17-07
T74P-77103-H	17-07
T74P-77103-X	17-07
T80L-77103-A	17-10
T73J-77108	17-07
T80L-77110-A	17-10
T80L-77140-A	17-10
T74P-77190-A	17-09
T74P-77193-A	17-09
T80L-77209-A	17-10
T71P-77225	08-04
T80L-77234-A	17-10
T74P-77247-A	17-09
T73J-77248	17-03
T74P-77248-A	17-03
T74P-77248-B	17-03
T80L-77254-A	17-10
T80L-77268-A	17-10
T80L-77268-B	17-10
T74P-77285-A	17-07
TOOL-77288	17-07
T71P-77370-A	17-06
T71P-77370-B	17-06
T71P-77370-C	17-06
T71P-77370-D	17-06
T71P-77370-H	17-06
T80L-77403-A	17-10
T80L-77403-B	17-10
T74P-77404-A	17-05
T80L-77405-A	17-10
T74P-77498-A	17-07
T65L-77515-A	17-03
T80L-77515-A	17-10
T74P-77548-A	17-05
T74P-77548-B	17-05
T77L-77548-A	17-05
T78P-77548-A	17-05
TOOL-77565	17-08
T57L-77820-A	17-03
T63L-77837-A	17-03
T71P-77837	08-04

LIMITED QUANTITY LIST

06-01

Manufacturing of the tools on the following list has been discontinued. However, a limited inventory exists, and orders will be filled until the stock is depleted.

Part Number	Description	Price
T53L-200-A	Handle Adapter	$ 2.51
T75L-1165-D	Bearing Replacer	12.23
T68T-1174-AA	Wiper Sleeve Repl.	57.62
T68T-1175-AA	Wiper Sleeve Repl.	57.62
T69T-1175-ABA	Wiper Sleeve Repl.	27.83
T65F-1177-A	Seal Replacer	8.44
T76P-2100-A	Torx Bit	2.43
T65P-3000-E	Alignment Spacers	24.50
T60K-3006-A	Adapter Screw	8.76
T62F-3006-A	Adapter Screw	8.76
T71T-3010-H	Step Nut	7.98
T71T-3010-J	Installing Tube	9.56
T71T-3010-N	Forcing Screw	9.10
T71T-3010-P	Puller	40.85
T71T-3010-S	Adapter Plate	7.78
T71P-3044-A	Upper Arm Bush. Repl.	24.38
T58P-3047-A	Torque Wrench Adpt.	9.00
T74P-3504-C	Rack Oil Seal Remover	59.17
TOOL-4020-B	Pinion Depth Gauge	293.46
T56T-4020-B	Pinion Depth Gauge	230.97
T57L-4221-A	Bearing Replacer	20.26
TOOL-4222-H	Differential Brg. Cones Replacer	21.04
T72P-4245-B	Oil Seal Replacer	3.68
T55P-4676-A	Oil Seal Replacer	35.45
T62F-4676-A	Oil Seal Replacer	31.20
T77P-4676-A	Oil Seal Replacer	19.01
T65T-4813-A	Output Shaft Seal Replacer	52.38
T66P-5310-B	Spring Tool Adpt.	18.08
T67P-5310-B	Spring Tool Adpt.	25.43
T64K-5310-C	Spring Tool Adpt.	61.32
T58P-6000-A	Engine Lifting Brkt.	25.06
T65L-6000-A	Engine Lifting Hook	29.50
T54L-6015-A	Core Plug Repl. Adpt.	5.99
T74P-6135-A	Piston Pin Adpt.	6.31
T52P-6135-DAD	Piston Pin Remover	9.18
TOOL-6135-G	Piston Pin Remover & Replacer	9.18
T72C-6136	Pulley & Gear Remover Adapter	2.84
T70P-6150	Front Seal & Sprocket Repl.	12.53
T68P-6266-A	Bore Plug Replacer Adapter	4.09
T64T-6316-A	Damper Remover Adapter Screw	20.95
T62F-6316-C	Damper Remover Adapter Screw	20.95
T70P-6505-A	Valve Stem Deburring Button	$ 6.32
T64T-6512-A	Crankshaft Damper Remover	51.11
T72C-6519	Intake Manifold Wrench	16.91
T58P-6565-AC	Valve Lash Gauge	4.00
T75L-6580-A	Splash Guards	18.31
T68P-6666-A	Spark Plug Wire Remover	8.70
T58P-6700-B	Oil Seal Replacer Adpt.	10.28
T64T-7000-A	Input Shaft Support	3.36
TOOL-7000-AG	Extension Housing Bushing Remover	35.84
T75L-7025-A	Bearing Service Set	336.15
T72C-7137	Pilot Bearing Replacer	11.08
T74P-7137-H	Clutch Aligner	7.23
T58T-7140-A	Reverse Idle Shaft Puller	20.99
T58L-7195-A	Fordomatic Band Adj. Wrench	94.23
TOOL-7195-D	Rear Band Adj. Wrench	34.99
TOOL-7600-H	Pilot Bearing Replacer	10.18
T60K-7657-B	Oil Seal Replacer	33.53
TOOL-7657-J	Oil Seal Replacer	33.53
T60K-7697-A	Bushing Remover	33.53
T60K-7697-B	Bushing Replacer	16.66
T77L-7697-B	Bushing Replacer	16.66
T76L-7902-D	End Play Tool	78.49
T74P-9487-A	Torque Wrench Adapter	6.31
T72L-9550-B	Fuel Level Gauge	10.33
T65P-11584-A	Bezel Wrench	4.11
T71P-22008-A	Door Latch Screw Bit	2.43
T71P-3D643-B	Belt Tension Wrench	11.02
T76C-33610-A	Power Steering Adapter	6.86
T76C-33610-B	Power Steering Adapter	7.65
T56L-33610-DG	Power Steering Adapter	8.75
T56L-33610-DH	Power Steering Adapter	8.75
T73P-4A300-A	Axle Shaft Sleeve Repl.	18.06
T63P-53700-A	Hand Riveter	22.28
T70P-6K517-A	Bypass Plate Installer	5.11
T62F-6A527-B	Rocker Arm Stud Kit	64.15
T66P-6A527-B	Rocker Arm Stud Replacer	15.59
T71P-60136-A	Seat Pivot Screw Bit	2.43
T64L-7A128-A	Detent Spring Compressor	9.02
T69P-7B193-A	Band Adjustment Gauge	12.92
T64P-7B456-A	Clutch Case Bolt Socket	6.69
T59P-77423-A	Rear Band Torque Wrench	14.08
T73P-77507-A	Bearing Replacer	8.42
TOOL-77869-A	Sleeve Remover & Repl.	17.64
T73P-9K809-A	Decel Valve Adj. Tool	2.86
T66P-19A043-A	Tape Player Cartridge	7.70

TOOL REPLACEMENT INFORMATION

06-02

Manufacturing of the following part numbers has been discontinued and all inventory is depleted. Replacement for these part numbers are shown below.

Part Number	Replacement
T53L-200-A	Not Replaced
T56L-400-A	Not Replaced
T57L-500-A	T57L-500-B
T73T-815-A	T80T-4000-W
T69L-1102-A	T69L-1102-B
T69L-1102-B	T77F-1102-A & D80P-927-A
T75L-1165-D	T75L-1165-DA
T68T-1173-AA	D80T-1173-B & -N
T68T-1173-AB	D80T-1173-B & -P
T68T-1174-AA	D80T-1173-B & -R
T68T-1174-AB	D80T-1173-B & -S
T68T-1175-AA	D80T-1173-B & -T
T68T-1175-AB	D80T-1173-B & -U
T69T-1175-ABA	D80T-1173-B & -S
TOOL-1175-AB	TOOL-1175-AC
T59T-1197-A	T59T-1197-B
T56P-1217-A	Not Replaced
T60K-1217-A	Not Replaced
TOOL-1217-K	Not Replaced
TOOL-1225-DA	D79L-1165-A
T53T-1239-A	Not Replaced
T70P-2100-A	T70P-2100-B
T70P-2100-B	D79T-2100-T & D79P-2100-A
T70P-2100-A1	D79P-2100-A
T70P-2100-A2	D79P-2100-T30
T65P-2118-A	D80P-2118-A
T74P-3044-A	T74P-3044-A1 & T74P-3044-A2
T70P-3068-A	T70P-3068-C
T74P-3504-K	D80P-3504-K
T66T-3504-A	Not Replaced
T66T-3504-B	Not Replaced
T66T-3504-C	Not Replaced
T66T-3504-D	Not Replaced
T74P-3504-C	T78P-3504-J
T71T-3010-L	T71T-3010-LA
T71T-3010-LA	D71T-3010-LB
T61B-3553-B	Not Replaced
T62F-3576-A	Not Replaced
TOOL-3583-J	Not Replaced
T64P-3590-F1	T64P-3590-FJ
T66T-4000-A	TOOL-4000-E
TOOL-4000-C	TOOL-4000-D
TOOL-4000-D	TOOL-4000-E
T80T-4000-Z	T80T-7127-A & T80T-7127-B & T80T-7127-C
TOOL-4020-B	Not Replaced
T56T-4020-A	T56T-4020-B*
T66T-4020-A	T80T-4020-A
T70P-4020-A	T75P-4020-A
T75P-4020-A	T76P-4020-A
T76P-4020-A	T79P-4020-A
T78P-4020-A	T78P-4020-A15
T76P-4020-A8	T79P-4020-A16
T79P-4020-A16	D80T-4020-F49
T57L-4067-A	T70P-4067-A
T60K-4067-A	T70P-4067-A
T78P-4136-A	T78P-4136-AB
T57L-4221-A	T57L-4221-A1 & -A2
TOOL-4221-C	T70P-4221-A
TOOL-4221-AJ	T57L-4220-A
T68P-4602-AA	T68P-4602-A
T57L-4614-A	Not Replaced
TOOL-4615-G	T77F-1102-A
T58L-4615-J	T77F-1102-A
T56T-4616-A	T56T-4616-B
T57L-4616-A	Not Replaced
T69P-4621-A	T71P-4621-B
TOOL-4621-BA	Not Replaced
T57L-4621-A	TOOL-4621-K
TOOL-4621-K	T71P-4621-B
T54T-4625-B	Not Replaced
T74P-4635-B	T74P-4635-BB
T56T-4676-A	T56T-4676-B
T71P-4676-A	T77P-4676-A
T77P-4676-A	T79P-4676-A
T77P-4676-B	T79P-4676-B
T65T-4813-A	Not Replaced
T65L-4851-A	T65L-4851-B
T68P-4851-A	T78P-4851-A
TOOL-4858-B	Not Replaced
T64K-5781-B	Not Replaced
T58P-6000-A	T70P-6000
T74P-6000-L	T74P-6000-LA
T54L-6015-A	Not Replaced
T61P-6059-F	Not Replaced
TOOL-6085-AE	T60K-6085-B
T65L-6135-C	T68P-6135-A
T74P-6135-A	Not Replaced
T72C-6136	Not Replaced
T70P-6150	Not Replaced
T70P-6150-B	T70P-6150-BA
T74P-6256-A	T74P-6256-B
T52L-6306-AJ	T52L-6306-AEE
T64T-6306-A	T52L-6306-AEE
T58P-6316-B	T58P-6316-C
T58P-6316-C	T58P-6316-D
T52L-6316-FEE	T58P-6316-D
T52T-6500-DJD	T70L-6500-A
TOOL-6513-AC	T70P-6513-A
TOOL-6513-H	T65P-6513-A
TOOL-6513-J	T65P-6513-A
T72C-6519	Not Replaced
T70P-6564-A	T71P-6513-A
TOOL-6565	D78P-4201-G
T72C-6565	T74P-6565-A & -B
T58P-6565-A	Not Replaced
T58P-6565-AC	Not Replaced
T58P-6700-B	Not Replaced
T60K-6700-A	Not Replaced
T68P-6700-A	T72J-1177
T52L-7000-GAE	T77L-7697-A
T52L-7000-HAE	T77L-7697-B
T64T-7000-A	Not Replaced
TOOL-7000-AG	Not Replaced
TOOL-7000-CJ	Not Replaced
TOOL-7003	Not Replaced
T63P-7025-A	T75L-7025-A*
T64T-7025-A	T75L-7025-A*
T64P-7025-B	T75L-7025-A*
TOOL-7025-B	Not Replaced
TOOL-7025-C	T75L-7025-A*
TOOL-7025-H	T75L-7025-A*
T70P-7043	Not Replaced
T71P-7050-B	Not Replaced
T53T-7065-B	Not Replaced
T71P-7137-A	T71P-7137-C & -H
T72C-7137	Not Replaced
TOOL-7195-C	TOOL-7195-D*
T57T-7140-A	Not Replaced
T58T-7140-A	Not Replaced
TOOL-7225-B	TOOL-7225-BA
TOOL-7345-L	Not Replaced
T58T-7550-A	D79T-7550-A
T61T-7550-A	D79T-7550-B
T64T-7550-A	D79T-7550-C
TOOL-7600-C	Not Replaced
TOOL-7657-J	Not Replaced
T57L-7657-A	Not Replaced
T60K-7657-B	Not Replaced
T61L-7657-C	Not Replaced
T57P-7697-A	T77L-7697-D
T57P-7697-B	T77L-7697-C
T60K-7697-A	T77L-7697-E
T77L-7697-B	T80L-77034-A
T58L-7902-A	Not Replaced
T59P-7902-B	T59P-7902-C
T59P-7902-C	T77L-7902-A & T76L-7902-C & T80L-7902-A
T64L-7902-A	T77L-7902-A & T76L-7902-C & T80L-7902-A
T70P-7902-A	T77L-7902-A & T76L-7902-C & T80L-7902-A
T76L-7902-A	T80L-7902-A
T75L-9850-A	T75L-9850-B
T63L-10300-A	T69L-10300-A
T70P-14151	T70L-6500-A
T69P-2B384-A	Not Replaced
T70P-2B385-A	Not Replaced
T71P-22008-A	D79P-2100-T50
T71P-3D643-B	Not Replaced
T65P-3C732-A	Not Replaced
T65P-3A733-A	T65P-3A733-B
T65P-3A733-B	T65P-3A733-C
T65P-3D505-A	Not Replaced
T65P-3D505-B	Not Replaced
T65P-3D525-B	Not Replaced
T65P-3D739-A	T67P-3D739-C & T70P-3D739-A
T56L-33610-D	D79L-33610-A
T56L-33610-DG	Not Replaced
T56L-33610-DH	Not Replaced
T68L-33610-A	D79L-33610-A
T73P-4A300-A	Not Replaced
TOOL-44211-A	T59L-44211-A
T59L-44211-A	Not Replaced
T65P-44890-A	D79P-44890-A
T63P-53700-A	Not Replaced
T63P-53700-A1	Not Replaced
T63P-53700-A2	Not Replaced
T71P-60136-A	D79P-2100-T45
T62F-6A527-B1	T79T-6527-A
T62F-6A527-B	T79T-6527-A & T62F-6A527-B3 & T62F-6A527-B5
T71P-7A039-A	Not Replaced
T74P-77030-A	T74P-77030-B
T57P-77047-A	Not Replaced
TOOL-77067	TOOL-4201-C
T59P-77067	TOOL-4201-C
T69P-7B193-A	Not Replaced
T59P-77370-A	T71P-77370-D & -H
T65P-77370-A	T71P-77370-B & -H
T59P-77409-A	Not Replaced
T59P-77423-A	Not Replaced
T73P-77507-A	Not Replaced
T74P-77902-A	T80L-7902-A

*These tools are also on the Limited Quantity List — See page 06-01.

PANTERA TOOLS
(AVAILABLE IN LIMITED QUANTITIES)

07-01

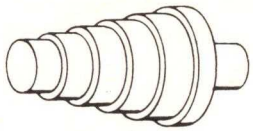
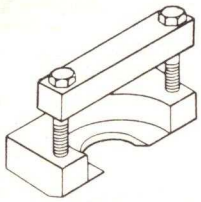
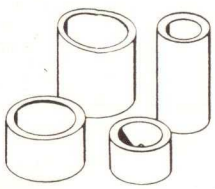
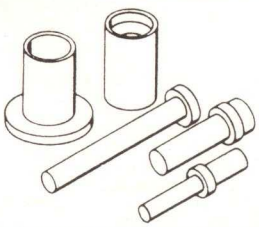
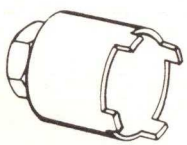
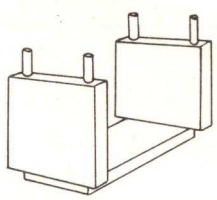
ILLUSTRATION	PART NO.	DESCRIPTION	APPLICATION	REMARKS
	**T72D-1217**	Bearing Cup/Seal Replacer	Pantera	Front hubs
	T72D-1225	Axle Bearing Tool	Pantera	Removes and replaces axle shaft bearing in housing
	**T72D-3006**	Ball Joint Press	Pantera	Removes ball joint and arm assembly from axle. Front & rear.
	**T72D-3006-A**	Ball Joint Tool	Pantera	Rear suspension remove and replaces ball joint in arm
	**T72D-3044**	Suspension Bushing Tool	Pantera	Front and Rear
	**T72D-4851**	Rear Spindle Wrench	Pantera	Inboard lock nut. Note: Left hand thread on driver's side
	**T72D-5310**	Coil Spring Compressor	Pantera	Front & rear

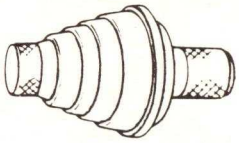
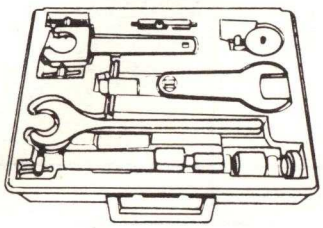
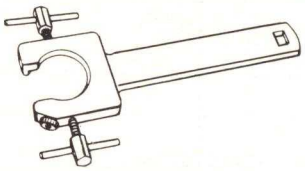
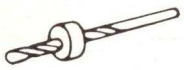
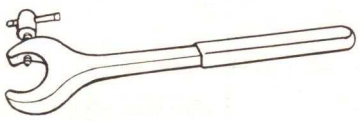
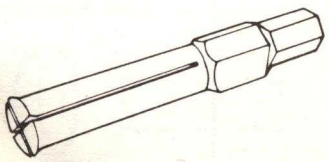
ILLUSTRATION	PART NO.	DESCRIPTION	APPLICATION	REMARKS
	T70P-1024	Cup & Seal Replacer	71-77 Capri	Front Hub
	T75P-3504-A	This Cam Gear Rack and Pinion Steering Service Set contains one each of: **Part Number** — **Description** **T74P-3504-BB** Locknut Torque Wrench Adapter **T75P-3504-B** Locknut Spanner & Drill Fixture **T75P-3504-C** Drill & Collar Assembly **T75P-3504-D** Ball-Joint Housing Spanner **T75P-3504-E** Pinion Shaft Torque Adapter **T75P-3504-F** Bearing Preload Adjuster **T75P-3504-G** Inner Race Remover **T75P-3504-H** Seal Protector Sleeve **T75P-3504-J** Dial Indicator Mounting Block		
	T75P-3504-B	Spanner and Drill Fixture	76-77 Capri	Use with T75P-3504-C
	T75P-3504-C	Drill and Collar Assembly	76-77 Capri	Use with T75P-3504-B
	T75P-3504-D	Ball Joint Housing Spanner	76-77 Capri	
	T75P-3504-E	Pinion Shaft Torque Adapter	76-77 Capri	
	T75P-3504-F	Preload Adjuster	76-77 Capri	Lower Pinion Bearing
	T75P-3504-G	Inner Race Remover	76-77 Capri	Lower Pinion Bearing. Use with T50T-100-A

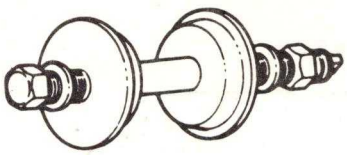
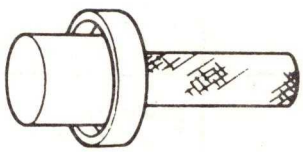
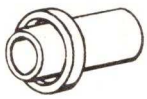
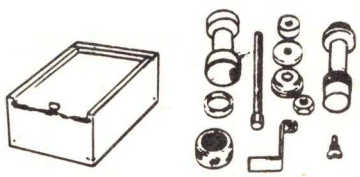
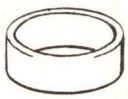
ILLUSTRATION	PART NO.	DESCRIPTION	APPLICATION	REMARKS
	T75P-3504-H	Seal Protector Sleeve	76-77 Capri	
	T75P-3504-J	Dial Indicator Mounting Block	76-77 Capri	Use with TOOL-4201-C
	T70P-4127	Pinion Bearing Cup Replacer	70-77 Capri	
	T70P-4128	Differential Bearing Cone Replacer	70-77 Capri	
	T70P-4129	Pinion Seal Replacer	70-77 Capri	
	T70P-4133	Pinion Depth Gauge	70-77 Capri	Use with dial indicator — not included
	T70P-4136	Carrier Adjustment Tool	70-77 Capri	
	T70P-4137	Master Pinion Spacer	70-77 Capri	

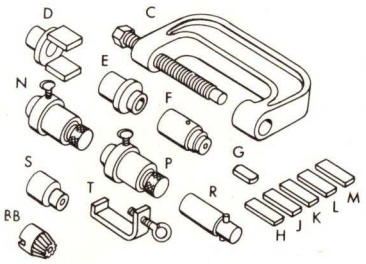
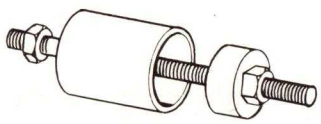
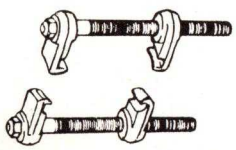
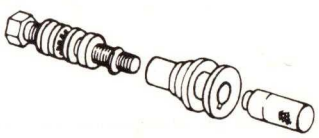
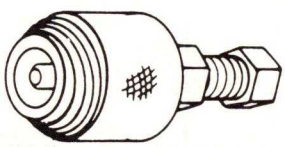
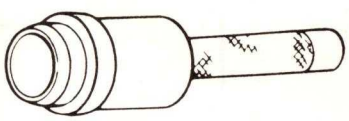
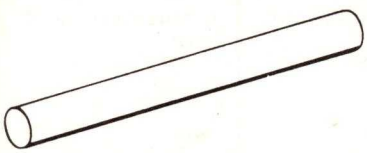
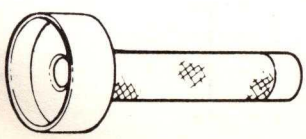
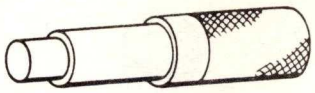
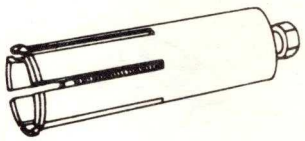
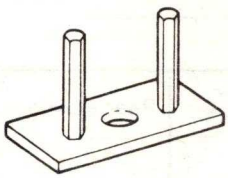
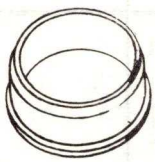
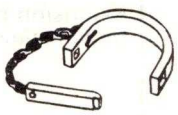
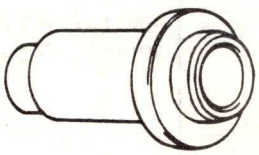
ILLUSTRATION	PART NO.	DESCRIPTION	APPLICATION	REMARKS
	T74P-4635-A	This Capri "U" Joint Service Set contains one each of: **Part Number** — **Description** **T74P-4635-BB** Reamer **T74P-4635-C** C-Frame **T74P-4635-D** Support **T74P-4635-E** Receiver **T74P-4635-F** Staking Tool **T74P-4635-G** Bearing Remover Adapter **T74P-4635-H** Spacer-2.175 **T74P-4635-J** Spacer-2.183 **T74P-4635-K** Spacer-2.191 **T74P-4635-L** Spacer-2.199 **T74P-4635-M** Spacer-2.207 **T74P-4635-N** Gauge Press Adapter **T74P-4635-P** Gauge Press Adapter **T74P-4635-R** Reamer Driver **T74P-4635-S** Press Adapter **T74P-4635-T** Test Clamp		
	T70P-5029	Bushing Remover And Installer	70-77 Capri	Rear spring
	T70P-5045	Coil Spring Compressor	70-77 Capri	
	T72C-6150	Front Cover Aligner	2.6 Liter, V-6, 72-73	Aligns cover removes and replaces the seal
	T73C-6700-A	Front Cover Seal Remover	2.6 Liter, V-6, 72-73	
	T71P-7095-B	Housing Seal/Bushing Replacer	71-77 4-speed manual	Extension housing (in vehicle)
	T71P-7111-B	Dummy Countershaft	71-77 4-speed manual	.680 Dia. × 7.010 Long
	T70P-7136	Input Shaft Seal Replacer	71-77 4-speed manual	

ILLUSTRATION	PART NO.	DESCRIPTION	APPLICATION	REMARKS
	T70P-7137	Clutch Aligner	70-77 Capri	
	T71P-7697-A	Extension Housing Bushing Remover	1971 thru 77 Capri, GT 4-Speed	
	T71P-17271-B	Speedometer Drive Gear Installer	71-77 4-speed manual	
	T70P-22008	Striker Plate Screw Bit	70-77 Capri	
	T71P-77041	Rear Clutch Piston Replacer	71-73 Borg-Warner Automatic Transmission	
	T71P-77042	Front Clutch Piston Replacer	71-73 Borg-Warner Automatic Transmission	
	T71P-77225	Torque Wrench Adapter/Gauge	71-73 Borg-Warner Automatic Transmission	
	T71P-77837	Front Pump Seal Installer	71-73 Borg-Warner Automatic Transmission	Installs over input shaft

MISCELLANEOUS TOOLS

09-01

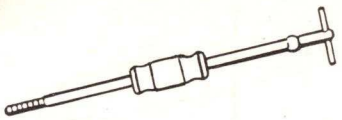
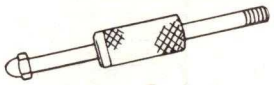
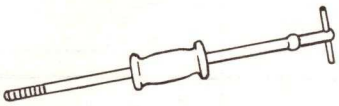
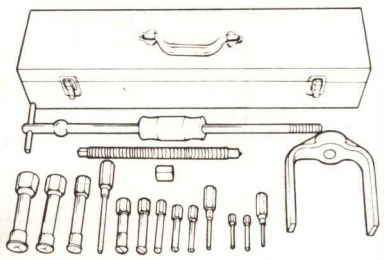
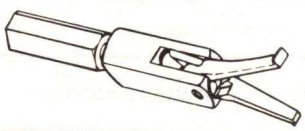
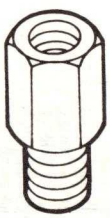
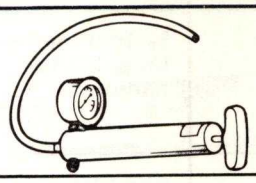
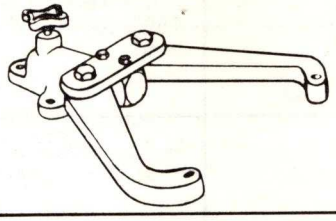
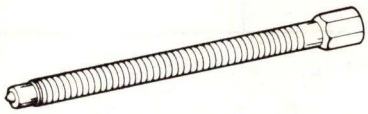
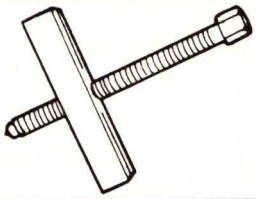
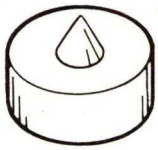
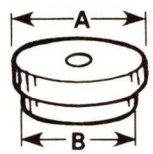
ILLUSTRATION	PART NO.	DESCRIPTION	APPLICATION	REMARKS
	**T50T-100-A**	Impact Slide Hammer	Universal	5/8-18 thread — 24" long, 2½ lb. hammer
	**T59L-100-B**	Impact Slide Hammer	Universal	Short Version of T50T-100-A, 12" long
	**D79P-100-A**	Impact Slide Hammer	Universal	5/8-18 thread — 24" long, 5 lb. hammer
	**D80L-100-A**	This Blind Hole Puller Set contains one each of the following: **Tool Number** — **Description** **D80L-100-B** Forcing Screw **D80L-100-C** Forcing Screw Nut **D80L-100-D** Hammer, 2½ Lb. **D80L-100-E** Shank and Tee Bar Assembly **D80L-100-F** Actuator Pin, 1/8" Dia., for use with collets -K & -L **D80L-100-G** Actuator Pin, 3/16" Dia. for use with collet -M thru -R **D80L-100-H** Actuator Pin, 1/2" Dia., for use with collets -S thru -U **D80L-100-J** Metal Box **D80L-100-K** Collet — 5/16" to 3/8" **D80L-100-L** Collet — 3/8" to 7/16" **D80L-100-M** Collet — 7/16" to 1/2"" **D80L-100-N** Collet — 1/2" to 5/8" **D80L-100-P** Collet — 5/8" to 3/4" **D80L-100-Q** Collet — 3/4" to 7/8" **D80L-100-R** Collet — 7/8" to 1" **D80L-100-S** Collet — 1" to 1 1/4" **D80L-100-T** Collet — 1 1/4" to 1 1/2" **D80L-100-U** Collet — 1 1/2" to 1 3/4" **D80L-100-V** Bridge **D80L-100-W** Bridge Assembly (-B, -C & -V)		
	**T58L-101-A**	Puller Attachment	Universal	Range = 5/8 to 2 5/8". Use with a slide hammer
		**Threaded Adapters** **FEMALE END** — **MALE END** — **LGTH.** **D80L-209-M** 5/8"-18 — 1/4"-20 **D80L-211-M** 5/8"-18 — 5/16"-18 — 2 1/4" **D80L-212-M** 5/8"-18 — 7/16"-14 — 2 1/4" **D80L-213-M** 5/8"-18 — 7/16"-20 — 2 1/4" **D80L-214-M** 5/8"-18 — 3/8"-24 — 2 1/4" **D80L-215-M** 5/8"-18 — 3/8"-16 — 2 1/4" **D80L-216-M** 5/8"-18 — 1/2"-20 — 2 1/4" **D80L-217-M** 5/8"-18 — 1/2"-13 — 2 1/4" **D80L-218-M** 5/8"-18 — 9/16"-18 — 2 1/4" **D80L-219-M** 5/8"-18 — 9/16"-12 — 2 1/4" **D80L-220-M** 5/8"-18 — 5/8"-11 — 2 1/4" **D80L-224-M** 5/8"-18 — 3/4"-16 — 2 1/4" **D80L-225-M** 5/8"-18 — 3/4"-10 — 2 1/4" **D80L-228-M** 5/8"-18 — 7/8"-14 — 2 1/4" **D80L-229-M** 5/8"-18 — 7/8"-9 — 2 1/4" **D80L-232-M** 5/8"-18 — 1"-14 — 2 1/4" **D80L-237-M** 5/8"-18 — 1/8" pipe — 2 1/4"	Universal	Use with D80L-927-A or D80L-938-A

ILLUSTRATION	PART NO.	DESCRIPTION	APPLICATION	REMARKS
	**D80P-250-A**	Vacuum Pump	Universal	
	**T57L-500-B**	Bench Mounted Holding Fixture	Universal	
	**D80L-515-S**	Puller Screw	Use with D80L-943-A	$\frac{5}{8}$"-18 × 13$\frac{3}{4}$ long
	**D80L-522-A**	Gear & Pulley Puller	Universal	Use with screws up to $\frac{1}{2}$" diameter. Range = 2" to 7$\frac{3}{4}$" wide
	**D80L-625-A**	Shaft Protectors		

Tool No.	"A"	"B"	"C" (60°)	"D" (60°)
D80L-625-1	1$\frac{1}{2}$"	$\frac{3}{4}$"	$\frac{3}{8}$"	$\frac{7}{16}$"
D80L-625-2	1$\frac{1}{4}$"	$\frac{3}{4}$"	$\frac{3}{8}$"	$\frac{3}{8}$"
D80L-625-3	1"	$\frac{3}{4}$"	$\frac{3}{8}$"	$\frac{5}{16}$"
D80L-625-4	$\frac{3}{4}$"	$\frac{3}{4}$"	$\frac{1}{4}$"	$\frac{1}{4}$"
D80L-625-5	$\frac{5}{8}$"	$\frac{5}{8}$"	$\frac{1}{4}$"	$\frac{1}{4}$"
D80L-625-6	$\frac{5}{8}$"	$\frac{5}{8}$"	$\frac{3}{16}$"	$\frac{3}{16}$"



D80L-630-A

This Step Plate Adapter Set contains one each of the following:

Part Number	Dia. "A"	"Dia. "B"
D80L-630-1	1"	$\frac{3}{4}$"
D80L-630-2	1$\frac{1}{8}$"	$\frac{7}{8}$"
D80L-630-3	1$\frac{1}{4}$"	1"
D80L-630-4	1$\frac{3}{8}$"	1$\frac{1}{8}$"
D80L-630-5	1$\frac{5}{8}$"	1$\frac{1}{4}$"
D80L-630-6	1$\frac{3}{4}$"	1$\frac{3}{8}$"
D80L-630-7	1$\frac{7}{8}$"	1$\frac{1}{2}$"
D80L-630-8	2"	1$\frac{5}{8}$"
D80L-630-9	2$\frac{1}{8}$"	1$\frac{3}{4}$"
D80L-630-10	2$\frac{3}{8}$"	1$\frac{7}{8}$"
D80L-630-11	2$\frac{1}{2}$"	2"

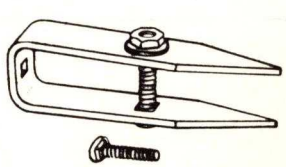
	**T65L-700-A**	Bezel Wrench	2 or 4 notch bezels	Adjustable up to 1" dia.

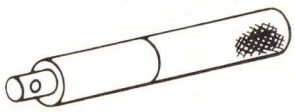
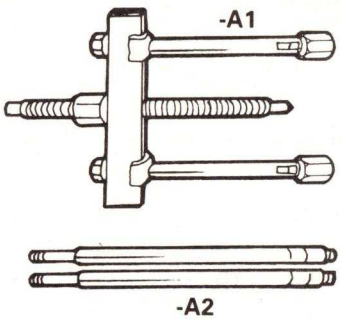
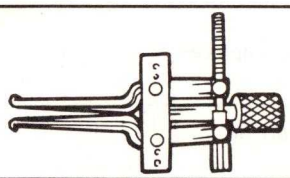
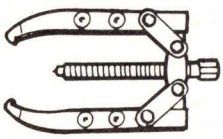
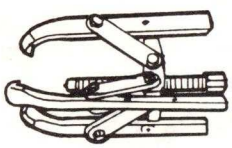
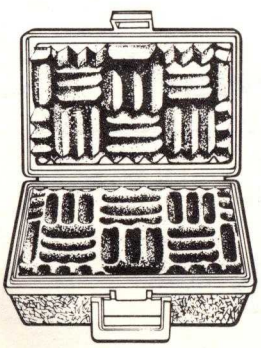
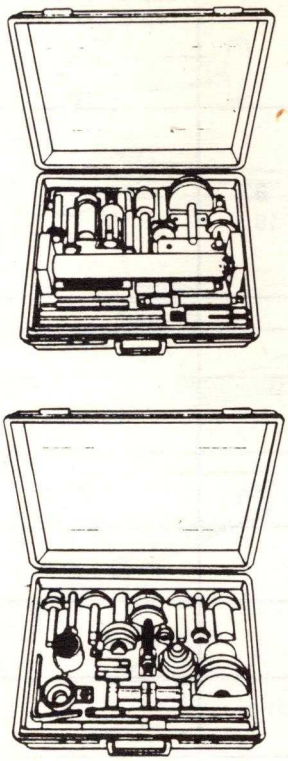
ILLUSTRATION	PART NO.	DESCRIPTION	APPLICATION	REMARKS
	**T80T-4000-W**	Driver Handle	Universal, ¾" dia. pilot	Used with bearing cup and seal replacers
	D80L-916-A	Threaded Adapters (2)	Universal **End "A" End "B"** ½"-20 ⅝"-18	
	**D80L-927-A**	Push-Puller St.	Universal	Replaces T69L-1102-B
	D80L-927-A1	Push-Puller	10 ton 8⅜" Reach	
	D80L-927-A2	Push-Puller Legs	Increase Reach of A1 to 13⅜"	
	D80L-938-A	Push-Puller Set	Universal	
	D80L-938-A1	Push-Puller	17 Ton 11⅝" Reach	
	D80L-938-A2	Push-Puller Legs	Increase reach of -A1 to 18⅝"	
	**D80L-943-A**	Puller-Internal	Universal	1½ to 7" Spread 5¼" reach
	**D80L-1002-L**	2-Jaw Puller	Universal	7 Ton
	**D80L-1013-A**	2-3 Jaw Puller	Universal	13 Ton
	**D79L-1000-B**	Plastic Box — Large	Universal, 5 × 14½ × 18½	Foam cushion lined
	D79L-1000-C	Plastic Box — Small	Universal, 3¾ × 8 × 12	Foam cushion lined

ILLUSTRATION	PART NO.	DESCRIPTION	APPLICATION	REMARKS

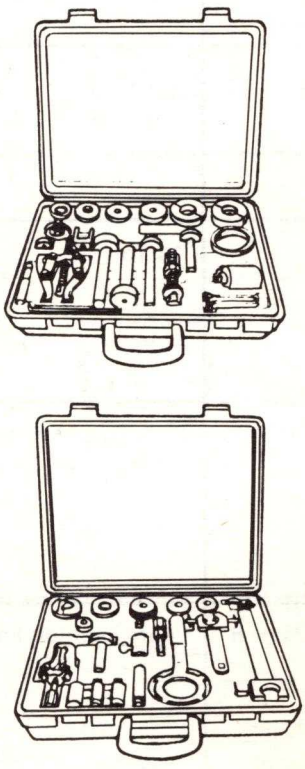


T72J-1000-A

This **Courier** Basic Service Set contains one each of:

Tool Number	Description
T72J-1217	Bearing Cups & Seal Replacer
T72J-3068	Upper Arm Lube Adapter
T72J-3069	Lower Arm Bushing Tool
T72J-3576	Sector Shaft Bushing Tool
T72J-3576-A	Sector Shaft Seal Replacer
T72J-3738	Worm Shaft Seal Replacer
T72J-1177	Axle Shaft Seal Replacer
T72J-1225-A	Axle Shaft Bearing Remover
T72J-4067	Bearing Adjuster Nut Wrench
T70P-4129	Pinion Seal Replacer
T72J-4221	Differential Bearing Cone Replacer
T72J-4245	Axle Tube Seal Replacer
T72J-4252	Bearing Lock Nut Wrench
T72J-4252-A	Axle Bearing Cone Replacer
T72J-4252-B	Axle Bearing Cup Replacer
T72J-4616	Pinion Bearing Cup Replacer
T70P-4625	Pinion Bearing Cone Replacer
T72J-4630	Pinion Bearing Cone Remover
T72J-6010	Main Bearing Cap Puller
T72J-6015	Engine Plug Replacer
T72J-6015-A	Engine Plug Replacer
T72J-6015-B	Engine Plug Replacer
T72J-6135	Piston Pin Remover/Replacer
T72J-6375	Flywheel Holding Tool
T72J-6510	Valve Guide Remover/Replacer
T72J-6571	Valve Seal Remover
T72J-6571-A	Valve Seal Replacer
T72J-6700	Front Cover Seal Remover
T72J-6700-A	Front Cover Seal Replacer
T72J-6701	Rear Oil Seal Replacer
T72J-7137	Pilot Bearing Replacer
T72J-9510	Carburetor Wrench
T72J-7025	Mainshaft Bearing Cone Replacer
T72J-7095	Extension Housing Seal Replacer
T72J-7137-H	Clutch Aligning Tool
T72J-7280	Lockout Pin Replacer
T72J-7697	Extension Housing Bushing Remover
T72J-7697-A	Extension Housing Bushing Replacer

Individual tools are available.



T77F-1000-A

This **Fiesta** Service Set contains one each of:

Tool Number	Description
T77F-1176-A	Threaded Drawbar Assembly
T77F-3169-A	Transaxle Output Shaft Seal Replacer
T77F-3617-A	Stub Shaft Remover Adapter
T77F-4220-A	Differential Side Bearing Replacer
T77F-4220-B	Differential Side Bearing Remover
T77F-4222-A	Differential Bearing Cup Installer
T77F-4222-B	Differential Bearing Cup Remover
T77F-6019-A	Front Cover Aligner
T77F-6306-A	Crankshaft Sprocket Remover
T77F-6700-A	Crankshaft Front Seal Remover
T77F-7025-A	Bearing Collet (2.675 O.D.)
T77F-7025-B	Bearing Collet (2.440 O.D.)
T77F-7025-C	Bearing Collet Sleeve
T77F-7025-D	Bearing Remover Nut
T77F-7025-E	Output Shaft Bearing Replacer
T77F-7050-A	Input Shaft Seal Replacer
T77F-7050-B	Input Shaft Seal Remover
T77F-7137-A	Clutch Plate Aligner
T77F-7288-A	Selector Shaft Seal Tool
T77F-1102-A	Bearing Cup Remover
T77F-1190-A	Front Hub Seal Replacer
T77F-1190-B	Rear Hub Seal Replacer
T77F-1202-A	Bearing Cup Replacer
T77F-1217-A	Bearing Cup Replacer
T77F-1217-B	Bearing Cup Replacer
T77F-3069-A	Suspension Bushing Tool
T77F-3290-A	Tie Rod Remover Adapter
T77F-3504-B	Pinion Shaft Bushing Replacer
T77F-3504-C	Ball Joint Housing Spanner
T77F-3504-D	Pinion Torque Adapter
T77F-3504-E	Locknut Spanner & Drill Fixture
T77F-3504-F	Pinion Shaft Bushing Remover
T75P-3504-J	Dial Indicator Mounting Block
T77F-9275-A	Fuel Tank Sender Wrench

Individual tools are available.

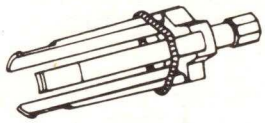
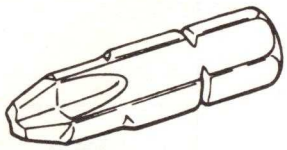
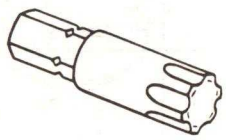
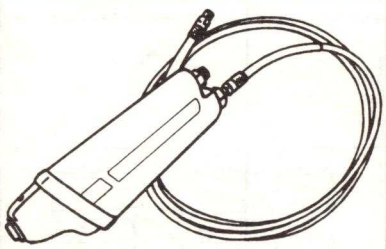
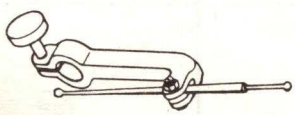
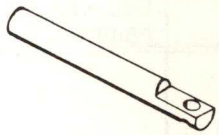
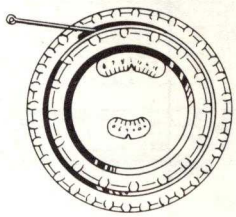
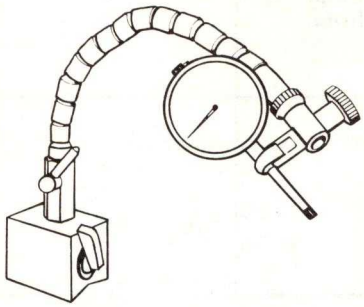
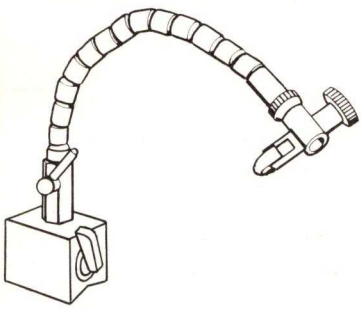
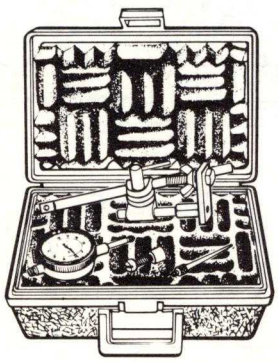
ILLUSTRATION	PART NO.	DESCRIPTION	APPLICATION	REMARKS
	**TOOL-1175-AC**	Seal Remover	Universal	Use with a slide hammer
	**T64P-2008-A**	"POSIDRIVE" Screw Bit	All vehicles with posidrive screws	
	**T77L-2100-A**	Seat Belt Bolt Bit	1977 thru current rear seat belt anchor & most outboard front retractors	
	D79P-2100-A	"Loc-Rite" Socket	5/16" As applies	
	D79P-2100-T	This "Torx" Drive Bit Set is used on door strikers, seat belt bolts, bumper bolts, etc. and consists of: **Tool Number** — **Size (Torx)** **D79P-2100-T10** T-10 **D79P-2100-T15** T-15 **D79P-2100-T20** T-20 **D79P-2100-T25** T-25 **D79P-2100-T27** T-27 **D79P-2100-T30** T-30 **D79P-2100-T40** T-40 **D79P-2100-T45** T-45 **D79P-2100-T50** T-50 The complete set includes a storage rack. Individual bits are available.		
	**D79L-4000-B**	Sealant Dispenser	Universal	6 ft. hose. Uses 2 or 3 oz. tubes
	**T75L-4201-A**	Clutch Housing Alignment Adapter	Universal	Use with TOOL-4201-C for right angle measurements.

ILLUSTRATION	PART NO.	DESCRIPTION	APPLICATION	REMARKS
	**T75L-4201-B**	Clutch Housing Alignment Adapter	Universal	Use when access is a problem
	**D78P-4201-A**	Vibration Tachometer	Universal — as applies	
	**D78P-4201-B**	Dial Indicator/Magnetic Base	Universal	
	**D78P-4201-C**	Magnetic Base/Flex Arm	Universal	
	**TOOL-4201-C**	Dial Indicator with Bracketry	Universal	
	TOOL-4201-D	Dial Indicator Tip ¼"	Universal	

MISCELLANEOUS TOOLS

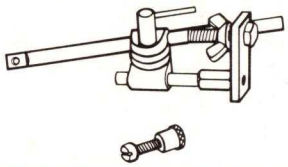
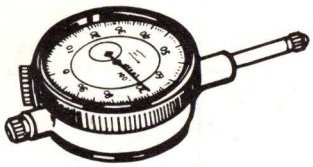
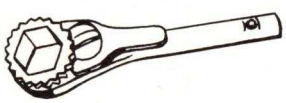
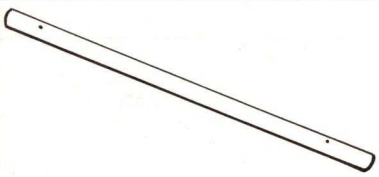
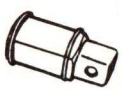
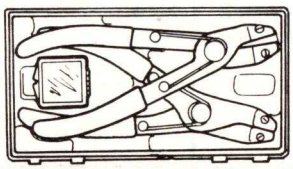
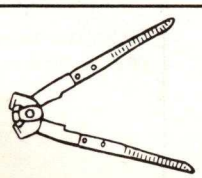
ILLUSTRATION	PART NO.	DESCRIPTION	APPLICATION	REMARKS
	TOOL-4201-E	Dial Indicator Tip 2″	Universal	
	**D78P-4201-F**	Dial Indicator Bracketry	Universal	
	**D78P-4201-G**	Dial Indicator 1″ Travel	Universal	
	D80P-4201-A	Depth Micrometer	Universal	0-3″ Range
	**D79L-6250-A**	Heavy Duty Reversible Ratchet	Universal 1½″ Hex	Can be used with D79L-6250-B, C, & D. Use with T65L-6250-A & T79T-6316-A
	**D79L-6250-B**	Ratchet Handle	Universal	Increases leverage — 24″ long
	D79L-6250-C	Ratchet Adapter	Universal	1½″ hex to ¾″ sq. drive
	**D79L-6250-D**	Ratchet Adapter	Universal	1½″ hex to 1″ sq. drive
	**D79L-7000-A**	Retaining Ring Pliers	Universal	Internal & external
	**T63P-9171-A**	Keystone Clamp Pliers	Universal, All Sizes	Built in stop

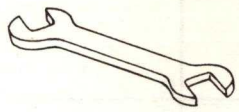
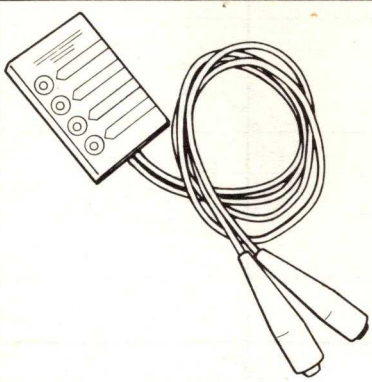
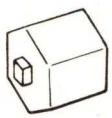
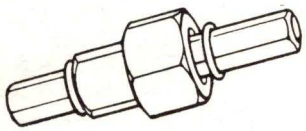
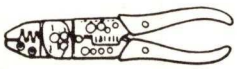
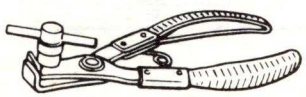
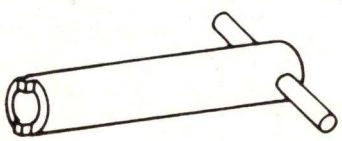
ILLUSTRATION	PART NO.	DESCRIPTION	APPLICATION	REMARKS
	**TOOL-9430-A**	Manifold Wrench	1978 thru current Fiesta	Special offset for limited space
	**D79L-10000-A**	Charging System Analyzer	12 volt positive or negative grounded alternator charging system	
	**TOOL-10044-A**	Starter Pole Screw Wrench	All cars & trucks with square socket pole screw	
	**T65P-10300-B**	Alternator Pulley Remover	1965 thru current alternators	
	**T67S-17018-A**	Wire Fitting Crimping Tool	Universal	Also cuts & strips wire. Mate-N-Loc style fittings
	**T67P-18518-A**	Cable Loop Forming Tool	Bowden Cable Wires	
	**T73P-19061-A**	Radio Bezel Nut Wrench	1970-73 Maverick & 1968-73 Torino & Montego	
	T71P-19703-C	"O" Ring Tool	Universal	Pick on one end & seater on the other

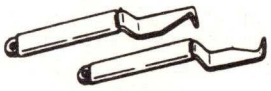
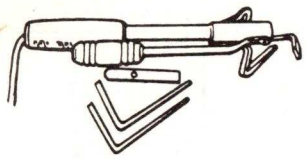
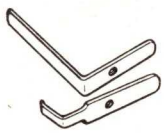
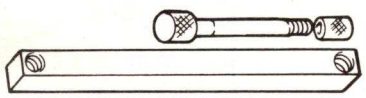
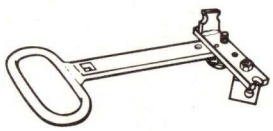
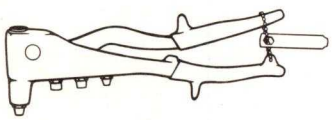
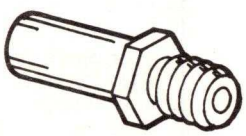
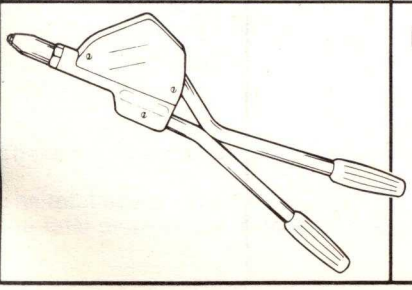
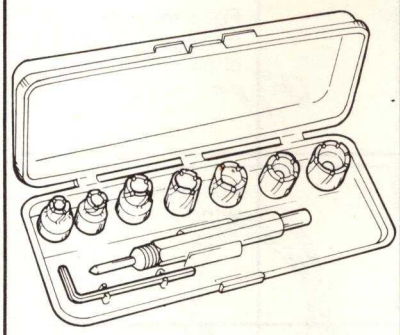
ILLUSTRATION	PART NO.	DESCRIPTION	APPLICATION	REMARKS
	T64P-42006-B	Moulding Tool — Right Hand	Universal	For removing window moulding clips
	T64P-42006-C	Moulding Tool — Left Hand	Universal	For removing window moulding clips
	T70P-42006-A	Glass Removal Hot Knife	1970 thru current with recessed windshields & older butyl tape models	
	T70P-42006-AA	Replacement Blades for T70P-42006-A		1 small & 1 large blade
	D79F-43030-A	Door Hinge Pin Fixture	1978 thru current Fiesta	
	D79P-44890-A	Torsion Bar Tool	Universal	For installing & removing deck lid torsion bars
	D79P-53700-A	Hand Riveter	Universal	3/32, 1/8, 5/32, & 3/16 dia. rivets
	D80P-53700-A	Hand Riveter Adapter	Tamperproof choke 1980 thru current	Use with T79P-53700-A
	D80L-23200-A	Heavy Duty Riveter	Universal	Window regulators, door handles, etc.

ILLUSTRATION	PART NO.	DESCRIPTION	APPLICATION	REMARKS
	D80L-42000-A	This Hole Drill Set contains one each of the following:		

Tool No.	Size	Description
D80L-42000-A1		Arbor: Fits ¼", ⅜" or ½" chuck. With spring loaded pilot guide. Allen wrench: To adjust pilot guide spring tension.
D80L-42000-A2	5/16"	Cutter
D80L-42000-A3	⅜"	Cutter
D80L-42000-A4	7/16"	Cutter
D80L-42000-A5	½"	Cutter
D80L-42000-A6	9/16"	Cutter
D80L-42000-A7	⅝"	Cutter
D80L-42000-A8	¾"	Cutter

RECOMMENDED TOOL LIST FOR NEW DEALERS

10-01

FORD DEALERSHIP KIT NUMBER D80P-1000-F

T50T-100-A
T59L-100-B
T58L-101-A
T57L-500-B
T65L-700-A
T71P-1102-A
T74P-1102-A
T75P-1102-B
T79L-1102-A
T75L-1165-A
T75L-1165-B
T75L-1165-C
T75L-1165-DA
T76P-1165-E
T75T-1170-A
T75T-1175-A
T75T-1175-B
T76T-1175-C
TOOL-1175-AC
T75T-1176-A
T73L-1177-C
T73T-1190-A
T73T-1190-B
T59T-1197-B
D78T-1197-A
T73T-1202-A
T73T-1202-B
T73T-1202-C
D79P-1202-A
T73T-1217-A
T73T-1217-B
T73T-1217-C
T75T-1225-A
T75T-1225-B
T76T-1225-C
T77L-2100-A
D79P-2100-T
T73L-2196-A
T73T-2208-A
T73T-2300-A
T75P-2588-A
T75P-2588-B
T69P-3000-A
T74P-3000-A
T79P-3000-A
T57P-3006-B
T71P-3006-A
T74P-3006-A
T71T-3010-G
D71T-3010-LB
D80T-3010-LA
T71T-3010-R
D79T-3010-A
T65P-3044-A
T74P-3044-A1
T74P-3044-A2
T75P-3044-A
T79P-3044-A
T70P-3068-C
TOOL-3290-C
T64T-3294-A
T74P-3504-A
T74P-3504-AA
T74P-3504-BB
T74P-3504-CC
T77P-3504-A
T78P-3504-A
T79P-3504-K
D80P-3504-K
T65P-3524-A
T74P-3517-A
T74P-3517-B
T74P-3517-C
T75L-3517-A
T75T-3527-A
T65P-3548-A
T66P-3553-B
T66P-3553-C
T65P-3576-A
T65P-3576-B
T65P-3576-C
T75T-3576-A
T77L-3576-A
T64P-3590-F
T67L-3600-A
T75L-3733-A
TOOL-4000-E
T80T-4000-A
T80T-4020-A
T79P-4020-A
T70P-4067-A
T78P-4200-A
T79P-4200-A
T75L-4201-A
T75L-4201-B
T79L-4201-A
TOOL-4201-C
T71T-4205-A
T72T-4205-B
T80P-4205-A
T57L-4220-A
T66P-4220-A
T57L-4221-A1
T57L-4221-A2
T70P-4221-A
T73T-4222-A
T73T-4222-B
TOOL-4222-L
T66L-4234-A
T71P-4234-A
T72P-4245-A
T68P-4602-A
T56T-4616-B
T60K-4616-A
T67P-4616-A
T71P-4616-A
T53T-4621-B
T53T-4621-C
T57L-4621-B
T62F-4621-A
T71P-4621-B
T56T-4676-B
T65L-4851-B
TOOL-4858-E
T68P-4946-A
T71P-4946-A
T80P-4946-A
T63P-5310-A
D78P-5310-A
T72P-5538-A
T70P-6000
T74P-6000-LA
T74P-6000-V
T75T-6000-A
T79T-6019-A
T71P-6065-A
T79T-6070-A
T68P-6135-A
T71P-6135-P
T65L-6250-A
T71P-6250-A
T52L-6306-AEE
T65L-6306-A
T74P-6312-A
T58P-6316-D
T74P-6316-A
T74P-6316-B
T79T-6316-A
T75L-6392-A
T70L-6500-A
T65P-6513-A
T70P-6513-A
T71P-6513-A
T79T-6527-A
T79T-6527-B
T62F-6565-A
T73L-6600-A
T79P-6634-A
T74P-6666-A
T75L-6666-A
T64L-7003-A
T66L-7003-B
T77L-7025-L
T64E-7052-A
T71P-7095-A
T71P-7095-B
T74P-7095-A
T63P-7111-A
T63P-7111-B
T64P-7111-A
T71P-7111-B
T74P-7111-A
T74P-7111-B
T80T-7127-A
T80T-7127-B
T80T-7127-C
T71P-7137-B
T71P-7137-C
T71P-7137-H
T74P-7137-A
T74P-7137-H
T74P-7137-K
T64P-7140-A
T73T-7220-A
TOOL-7225-BA
T67P-7341-A
T61L-7657-A
T61L-7657-B
T71P-7657-A
T77L-7697-A
T77L-7697-C
T77L-7697-D
T77L-7697-E
T77L-7697-F
T76L-7902-C
T77L-7902-A
T77L-7902-B
T63L-8620-A
T74P-9275-A
T79P-9472-A
T75L-9480-A
T75L-9486-A
T75L-9487-A
T75L-9500-A
T77L-9500-A
T75L-9600-A
T75L-9601-A
T75L-9850-B
TOOL-10044-A
T65P-10300-B
T69L-10300-A
T79P-12127-A
T79P-12200-A
T73P-19061-A
T71P-19703-A
T73P-19703-A
T77L-19703-A
T77L-19703-B
T77L-19703-C
T65T-3B177-A
T65P-3D517-A
T65P-3D525-A
T65P-3D526-A
T65P-3A537-A
T65P-3A537-B
T69P-3B586-A
T68P-3B592-A
T68P-3B592-B
T72P-3B592-A
T69P-3D608-A
T69P-3D608-B
T65P-3D642-A
T70P-3D643-A
T69P-3A674-A
T65P-3A733-C
T67P-3D739-B
T67P-3D739-C
T70P-3D739-A
T70P-7D043-A
T69L-7D044-A
T68P-7D158-A
T70P-7B200-A
T70P-7B200-B
T70P-7B200-C
T65P-7B456-B
T74P-77000-A
T77J-77000-A
T80L-77000-A
T73P-77060-A
TOOL-77288
T71P-77370-A
T65L-77515-A
T77L-77548-A
T78P-77548-A
T63L-77837-A

These items are shown in this catalog and can be located by the numerical index.

The total dealer cost for kit D80P-1000-F is $9,987.00, which is F.O.B. destination. This kit price is approximately 5% lower than the total price of the individual tools, plus the freight will be prepaid.

D80P-1000-F $9,987.00

RECOMMENDED TOOL LIST FOR NEW DEALERS

LINCOLN/MERCURY DEALERSHIP KIT NUMBER D80P-1000-LM

10-02

T50T-100-A
T59L-100-B
T58L-101-A
T57L-500-B
T65L-700-A
T71P-1102-A
T74P-1102-A
T75P-1102-A
T75P-1102-B
T79L-1102-A
T75L-1165-A
T75L-1165-B
T75L-1165-C
T75L-1165-DA
T76P-1165-E
TOOL-1175-AC
T73L-1177-C
T73T-1202-B
D79P-1202-A
T73T-1217-A
T77L-2100-A
D79P-2100-T
T73L-2196-A
T75P-2588-A
T75P-2588-B
T69P-3000-A
T74P-3000-A
T79P-3000-A
T57P-3006-B
T74P-3006-A
T65P-3044-A
T74P-3044-A1
T74P-3044-A2
T75P-3044-A
T79P-3044-A
T70P-3068-C
TOOL-3290-C
T74P-3504-A
T74P-3504-AA
T74P-3504-BB
T74P-3504-CC
T75P-3504-A
T77P-3504-A
T78P-3504-A
T79P-3504-K
T65P-3524-A
T74P-3517-A
T74P-3517-B
T74P-3517-C
T75L-3517-A
T65P-3548-A
T66P-3553-B
T66P-3553-C
T65P-3576-A
T65P-3576-B
T65P-3576-C
T77L-3576-A
T64P-3590-F
T67L-3600-A
T75L-3733-A
TOOL-4000-E
T80T-4000-W
T79P-4020-A
T70P-4067-A
T70P-4127
T70P-4128
T70P-4129
T70P-4133
T70P-4136
T70P-4137
T78P-4200-A
T79P-4200-A
T75L-4201-A
T75L-4201-B
T79L-4201-A
TOOL-4201-C
T80P-4205-A
T57L-4220-A
T66P-4220-A
T57L-4221-A1
T57L-4221-A2
T70P-4221-A
TOOL-4222-L
T66L-4234-A
T71P-4234-A
T72P-4245-A
T68P-4602-A
T60K-4616-A
T67P-4616-A
T71P-4616-A
T53T-4621-B
T57L-4621-B
T62F-4621-A
T71P-4621-B
T70P-4625
T74P-4635-A
T65L-4851-B
TOOL-4858-E
T68P-4946-A
T71P-4946-A
T80P-4946-A
T70P-5045
T63P-5310-A
D78P-5310-A
T72P-5538-A
T70P-6000
T74P-6000-LA
T74P-6000-V
T68P-6135-A
T65L-6250-A
T71P-6250-A
T52L-6306-AEE
T74P-6312-A
T58P-6316-D
T74P-6316-A
T74P-6316-B
T75L-6392-A
T70L-6500-A
T65P-6513-A
T70P-6513-A
T71P-6513-A
T62F-6565-A
T73L-6600-A
T79P-6634-A
T74P-6666-A
T75L-6666-A
T64L-7003-A
T66L-7003-B
T77L-7025-L
TOOL-7225-BA
T67P-7341-A
T61L-7657-A
T61L-7657-B
T71P-7657-A
T71P-7697-A
T77L-7697-A
T77L-7697-C
T77L-7697-D
T77L-7697-E
T77L-7697-F
T76L-7902-C
T77L-7902-A
T77L-7902-B
T74P-9275-A
T79P-9472-A
T75L-9480-A
T78P-9481-A
T75L-9486-A
T75L-9487-A
T75L-9500-A
T77L-9500-A
T75L-9600-A
T75L-9601-A
T75L-9850-B
T80L-9974-A
TOOL-10044-A
T65P-10300-B
T69L-10300-A
T78P-12127-A
T79P-12127-A
T78P-12200-A
T79P-12200-A
T73P-19061-A
T71P-19703-A
T73P-19703-A
T77L-19703-A
T77L-19703-B
T77L-19703-C
T80L-19703-B
T80L-19703-C
T80L-19703-E
T80L-19703-F
T80L-19703-G
T80L-19703-H
T80L-19703-J
T80L-19703-K
T65P-3D517-A
T65P-3D525-A
T65P-3D526-A
T65P-3A537-A
T65P-3A537-B
T69P-3B586-A
T68P-3B592-A
T68P-3B592-B
T72P-3B592-A
T69P-3D608-A
T69P-3D608-B
T65P-3D642-A
T70P-3D643-A
T69P-3A674-A
T65P-3A733-C
T67P-3D739-B
T67P-3D739-C
T70P-3D739-A
T70P-7D043-A
T69L-7D044-A
T68P-7D158-A
T70P-7B200-A
T70P-7B200-B
T70P-7B200-C
T65P-7B456-B
T74P-77000-A
T77J-77000-A
T80L-77000-A
T73P-77060-A
TOOL-77288
T71P-77370-A
T65L-77515-A
T77L-77548-A
T78P-77548-A
T63L-77837-A

These items are shown in this catalog and can be located by the numerical index.

The total dealer cost for kit D80P-1000-LM is $9,400.00, which is F.O.B. destination. This kit price is approximately 5% lower than the total price of the individual tools, plus the freight will be prepaid.

D80P-1000-LM $9,400.00

HEAVY TRUCK DEALERSHIP KIT NUMBER D80T-1000-HT

D80T-1173-A
T68T-1173-AC
T68T-1173-AD
T68T-1173-AE
T68T-1174-AC
T68T-1174-AD
T68T-1174-AE
T68T-1175-AC
T68T-1175-AD
T68T-1175-AE
T68T-1176-A
T57T-4851-B
T78T-5465-A
T76T-6049-A
T78T-6068-A
T58T-6306-A
D79T-7550-A
D79T-7550-B
D79T-7550-C

These items are shown in this catalog and can be located by the numerical index.

The total dealer cost for kit D80T-1000-HT is $842.00, which is F.O.B. destination. This kit price is approximately 5% lower than the total price of the individual tools, plus the freight will be prepaid. It is assumed that this dealer is already a Ford dealership or is also ordering D80P-100-F as is called out on page 10-01.

D80T-1000-HT $842.00

COURIER DEALERSHIP KIT NUMBER D80T-1000-J

The following three items are needed:

T72J-1000-A
T77J-6316-A
T77J-7025-A

These items are shown in this catalog and can be located by the numerical index.

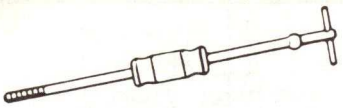
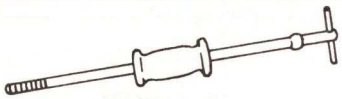
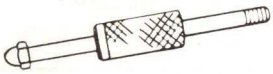
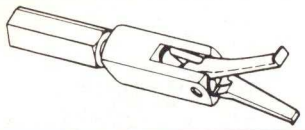
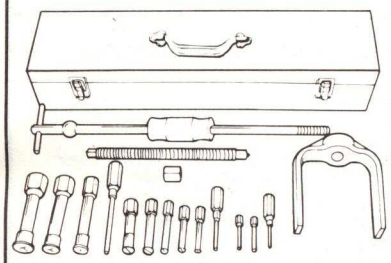
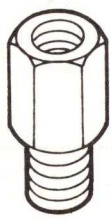
The total dealer cost for kit D80T-1000-J is $1,172.00, which is F.O.B. destination. This kit price is approximately 5% lower than the total price of the individual tools, plus the freight will be prepaid. It is assumed that this dealer is already a Ford dealership or is also ordering D80P-1000-F as is called out on page 10-01.

D80T-1000-J $1,172.00

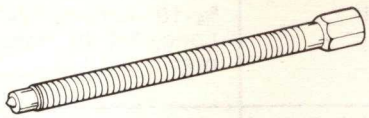
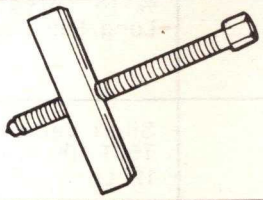
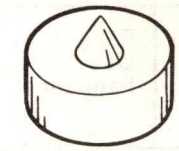
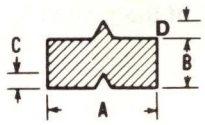
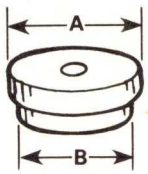
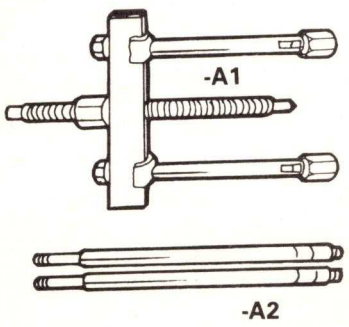
FIESTA DEALERSHIP KIT NUMBER D80F-1000-A

One basic kit is required and is shown on page 9-02 as part number T77F-1000-A The total dealer cost for kit D80F-1000-A is $516.00, which is F.O.B. destination. This kit price is approximately 5% lower than the total price of the individual tools, plus the freight will be prepaid. It is assumed that this dealer is already a Ford dealership or is also ordering D80P-1000-F as is called out on page 10-01.

D80F-1000-A $516.00

ILLUSTRATION	PART NO.	DESCRIPTION	APPLICATION	REMARKS
	**T50T-100-A**	Impact Slide Hammer	Universal	5/8-18 Thread, 24" Long, 2½ lb. hammer
	**D79P-100-A**	Impact Slide Hammer	Universal	5/8-18 Thread, 24" Long, 5 lb. Hammer
	**T59L-100-B**	Impact Slide Hammer	Universal	Short Version of T50T-100-A, 12" Long
	**T58L-101-A**	Puller Attachment	Universal	Range = 5/8 to 2 5/8" - Use with a slide hammer
	**D80L-100-A**	This Blind Hole Puller Set contains one each of the following: **Part Number** — **Description** **D80L-100-B** Forcing Screw **D80L-100-C** Forcing Screw Nut **D80L-100-D** Hammer, 2½ Lb. **D80L-100-E** Shank and Tee Bar Assembly **D80L-100-F** Actuator Pin, 1/8" Dia., for use with collets -K & -L **D80L-100-G** Actuator Pin, 3/16" Dia. for use with collets -M thru -R **D80L-100-H** Actuator Pin, ½" Dia., for use with collets -S thru -U **D80L-100-J** Metal Box **D80L-100-K** Collet - 5/16" to 3/8" **D80L-100-L** Collet - 3/8" to 7/16" **D80L-100-M** Collet - 7/16" to ½" **D80L-100-N** Collet - ½" to 5/8" **D80L-100-P** Collet - 5/8" to 3/4" **D80L-100-Q** Collet - 3/4" to 7/8" **D80L-100-R** Collet - 7/8" to 1" **D80L-100-S** Collet - 1" to 1 1/4" **D80L-100-T** Collet - 1 1/4" to 1 1/2" **D80L-100-U** Collet - 1 1/2" to 1 3/4" **D80L-100-V** Bridge **D80L-100-W** Bridge Assembly (-B, -C & -V)		
		**Threaded Adapters**	Universal	Use with D80L-927-A or D80L-938-A

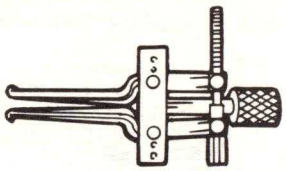
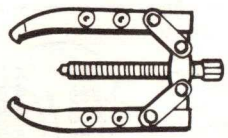
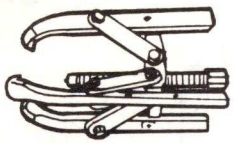
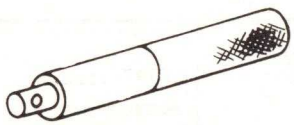
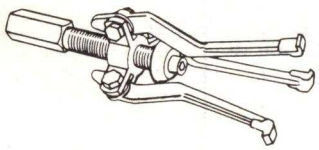
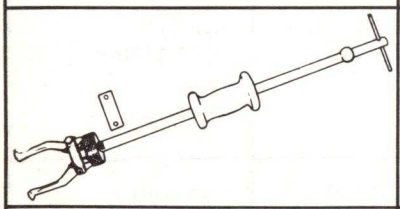
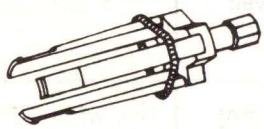
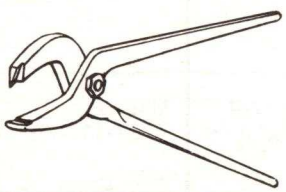
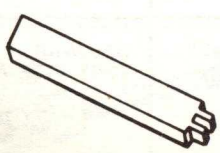
	FEMALE END	MALE END	LGTH.
D80L-209-M	5/8"-18	1/4"-20	2 1/4"
D80L-211-M	5/8"-18	5/16"-18	2 1/4"
D80L-212-M	5/8"-18	7/16"-14	2 1/4"
D80L-213-M	5/8"-18	7/16"-20	2 1/4"
D80L-214-M	5/8"-18	3/8"-24	2 1/4"
D80L-215-M	5/8"-18	3/8"-16	2 1/4"
D80L-216-M	5/8"-18	1/2"-20	2 1/4"
D80L-217-M	5/8"-18	1/2"-13	2 1/4"
D80L-218-M	5/8"-18	9/16"-18	2 1/4"
D80L-219-M	5/8"-18	9/16"-12	2 1/4"
D80L-220-M	5/8"-18	5/8"-11	2 1/4"
D80L-224-M	5/8"-18	3/4"-16	2 1/4"
D80L-225-M	5/8"-18	3/4"-10	2 1/4"
D80L-228-M	5/8"-18	7/8"-14	2 1/4"
D80L-229-M	5/8"-18	7/8"-9	2 1/4"
D80L-232-M	5/8"-18	1"-14	2 1/4"
D80L-237-M	5/8"-18	1/8" pipe	2 1/4"

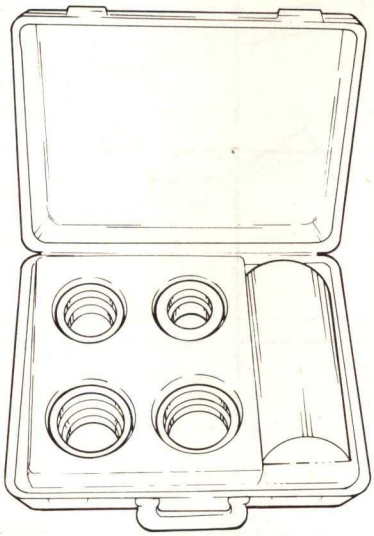
ILLUSTRATION	PART NO.	DESCRIPTION	APPLICATION	REMARKS
	D80L-515-S	Puller Screw	Use with D80L-943-A	5/8"-18 × 13¾ long
	D80L-522-A	Gear & Pulley Puller	Universal	Use with screw up to ½" diameter. Range = 2" to 7¾" wide
 	D80L-625-A	Shaft Protectors This set contains one each of the following:		
	D80L-630-A	This Step Plate Adapter Set contains one each of the following:		
	D80L-916-A	Threaded Adapters (2)	Universal	
	D80L-927-A	Push-Puller St	Universal	Replaces T69L-1102-B
	D80L-927-A1	Push-Puller	10 Ton 8⅜" reach	
	D80L-927-A2	Push-Puller Legs	Increase reach of A1 to 13⅜"	
	D80L-938-A	Push-Puller Set	Universal	
	D80L-938-A1	Push-Puller	17 Ton 11⅝" reach	
	D80L-938-A2	Push-Puller Legs	Increase reach of -A1 to 18⅝"	

TOOL NO.	"A"	"B"	"C" (60°)	"D" (60°)
D80L-625-1	1-½"	¾"	⅜"	7/16"
D80L-625-2	1¼"	¾"	⅜"	⅜"
D80L-625-3	1"	¾"	⅜"	5/16"
D80L-625-4	¾"	¾"	¼"	¼"
D80L-625-5	⅝"	⅝"	¼"	¼"
D80L-625-6	⅝"	⅝"	3/16"	3/16"

Part Number	Dia. "A"	Dia. "B"
D80L-630-1	1"	¾"
D80L-630-2	1⅛"	⅞"
D80L-630-3	1¼"	1"
D80L-630-4	1⅜"	1⅛"
D80L-630-5	1⅝"	1¼"
D80L-630-6	1¾"	1⅜"
D80L-630-7	1⅞"	1½"
D80L-630-8	2"	1⅝"
D80L-630-9	2⅛"	1¾"
D80L-630-10	2⅜"	1⅞"
D80L-630-11	2½"	2"

End "A"	End "B"
½"-20	⅝"-18

ILLUSTRATION	PART NO.	DESCRIPTION	APPLICATION	REMARKS
	**D80L-943-A**	Puller-Internal	Universal	1½ to 7" spread 5¼" reach
	**D80L-1002-L**	2-Jaw Puller	Universal	7 Ton
	**D80L-1013-A**	2-3 Jaw Puller	Universal	13 Ton
	**T80T-4000-W**	Drive Handle	Universal, ¾" dia. pilot	Used with bearing cup and seal replacers
	**T77F-1102-A**	Bearing Cup Puller	Universal	Replaces T69L-1102-A use with D80L-927-A or a slide hammer
	**D78P-1225-B**	Bearing Cup Puller	Universal	Range = 1¼" to 4¼". Includes 5 lb. slide hammer
	**TOOL-1175-AC**	Seal Remover	Universal	Use with a slide hammer
	**D79T-1142-A**	Axle Stud Cone Plier	Medium & Heavy Duty Truck Rear Axles	Removes tapered cone rear axle studs
	**T75T-1170-A**	Lock Wedge Replacer	E250 & 350	Aligns & drives in retaining nut lock wedge

<table>
<tr><th>ILLUSTRATION</th><th>PART NO.</th><th>DESCRIPTION</th><th>APPLICATION</th><th>REMARKS</th></tr>
<tr><td>  </td><td>D80T-1173-A</td><td colspan="3">This Wear Sleeve Replacer Set contains one each of the following:

<table>
<tr><th>Tool No.</th><th>Description</th><th colspan="3">Diameters
"A" "B" "C"</th></tr>
<tr><td>D80T-1173-B</td><td>Driver</td><td>—</td><td>—</td><td>—</td></tr>
<tr><td>D80T-1173-C</td><td>Aligner</td><td>2.255</td><td>—</td><td>—</td></tr>
<tr><td>D80T-1173-D</td><td>Aligner</td><td>2.505</td><td>—</td><td>—</td></tr>
<tr><td>D80T-1173-E</td><td>Aligner</td><td>2.630</td><td>—</td><td>—</td></tr>
<tr><td>D80T-1173-F</td><td>Aligner</td><td>3.005</td><td>—</td><td>—</td></tr>
<tr><td>D80T-1173-G</td><td>Aligner</td><td>3.255</td><td>—</td><td>—</td></tr>
<tr><td>D80T-1173-N</td><td>Wear Sleeve Replacer</td><td>—</td><td>2.630</td><td>4.500</td></tr>
<tr><td>D80T-1173-P</td><td>Wear Sleeve Replacer</td><td>—</td><td>2.880</td><td>4.500</td></tr>
<tr><td>D80T-1173-R</td><td>Wear Sleeve Replacer</td><td>—</td><td>3.005</td><td>4.500</td></tr>
<tr><td>D80T-1173-S</td><td>Wear Sleeve Replacer</td><td>—</td><td>3.255</td><td>5.250</td></tr>
<tr><td>D80T-1173-T</td><td>Wear Sleeve Replacer</td><td>—</td><td>3.630</td><td>5.250</td></tr>
<tr><td>D80T-1173-U</td><td>Wear Sleeve Replacer</td><td>—</td><td>3.755</td><td>5.250</td></tr>
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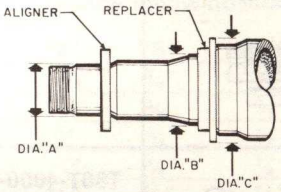
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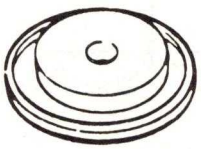
<tr><td rowspan="8">  </td><td>T68T-1173-AC</td><td>Seal Replacer</td><td>11,000, 13,000 & 15,000 lb. Rear truck axles</td><td>Use with T68T-1176-A</td></tr>
<tr><td>T68T-1174-AC</td><td>Seal Replacer</td><td>17,000, 17,500, 30,000 & 32,000 lb. Rear truck axles</td><td>Use with T68T-1176-A</td></tr>
<tr><td>T68T-1174-AD</td><td>Seal Replacer</td><td>18,000 & 34,000 lb. Rear truck axles</td><td>Use with T68T-1176-A</td></tr>
<tr><td>T68T-1175-AC</td><td>Seal Replacer</td><td>22,000, 38,000, 23,000 lb. 42DP & 44,000 Rockwell rear truck axles</td><td>Use with T68T-1176-A</td></tr>
<tr><td>T75T-1175-A</td><td>Seal Replacer</td><td>1975 thru current Econoline rear axle</td><td>Use with T75T-1176-A</td></tr>
<tr><td>T75T-1175-B</td><td>Seal Replacer</td><td>1975 thru current Econoline rear axle</td><td>Use with T75T-1176-A</td></tr>
<tr><td>T76T-1175-C</td><td>Seal Replacer</td><td>1976 thru current E-350 with duals rear axle</td><td>Use with T75T-1176-A</td></tr>
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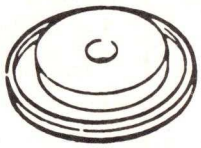
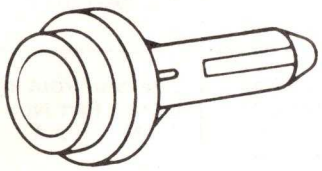
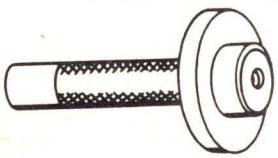
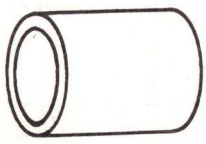
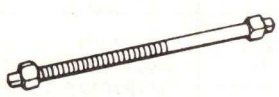
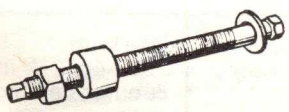
ILLUSTRATION	PART NO.	DESCRIPTION	APPLICATION	REMARKS
	**T80T-4000-T**	Seal Replacer	Dana 44 IFS	Use with T80T-4000-W
	T80T-4000-U	Seal Replacer	Dana 50 IFS	Use with T80T-4000-W
	**T73T-1190-A**	Seal Replacer	Seal No. C77Z-1190-C	
	T73T-1190-B	Seal Replacer	Seal No. C77Z-1190-D	
	T77F-1190-A	Front Hub Seal Replacer	1978 thru current Fiesta	Use with T80T-4000-W
	**T77F-1190-B**	Rear Hub Seal Replacer	1978 thru current Fiesta	
	**T68T-1173-AD**	Oil Seal Protector	11,000 & 13,000 lb. rear truck axles	
	T68T-1173-AE	Oil Seal Protector	15,000 lb. rear truck axles	
	T68T-1174-AE	Oil Seal Protector	17,000, 17,500, 18,500, 30,000, 32,000 & 34,000 lb. rear truck axles	
	T68T-1175-AD	Oil Seal Protector	22,000 & 38,000 lb. and 42 DP rear truck axles	
	T68T-1175-AE	Oil Seal Protector	23,000 lb. & 44,000 Rockwell rear truck axles	
	**T68T-1176-A**	Threaded Drawbar	11,000 thru 44,000 lb. rear truck axles	Use with T68T-1173, 1174 & 1175 series tools — 20″ long
	**T75T-1176-A**	Threaded Drawbar	1975 thru current Econoline	Use with T75T-1175-A & B, T76T-1175-C, T75T-1225-A & B, T76T-1225-C

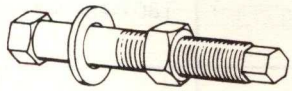
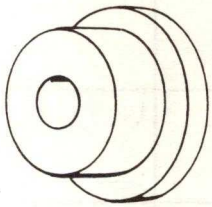
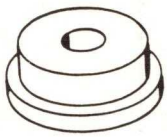
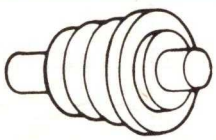
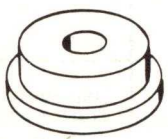
ILLUSTRATION	PART NO.	DESCRIPTION	APPLICATION	REMARKS
	**T77F-1176-A**	Threaded Drawbar	1978 thru current Fiesta	Use with T77F-1202-A, T77F-1217-A & B, T77F-3169-A, T77F-4222-A
	**T73T-1202-A**	Bearing Cup Replacer	F250 & 350, E-250	Use with T80T-4000-W, Part No. 8A-1202-A
	T73T-1202-B	Bearing Cup Replacer	F-100, 1971-74 all car lines. 1974-77 Maverick & Comet. 1975 thru current Granada & Monarch. 1974 thru current Bobcat, Pinto, & Mustang	Use with front inner cup — Part No. DOAZ-1202-A
	**T73T-1202-C**	Bearing Cup Replacer	F-100, E-100 & 200	Use with Part No. B7C-1202-A
	T77F-1202-A	Bearing Cup Replacer	1978 thru current Fiesta rear hubs	Use with T80T-4000-W or T77F-1176-A Replaces outer rear cup
	D79P-1202-A	Bearing Cup Replacer	1974-76 Torino Montego & Mark. 1974 thru current Ford, Mercury, TB, Lincoln. 1977 thru current LTDII & Mark Front Hubs	Inner cup Part No. D4AZ-1202-A, Use with T80T-4000-W
	**T72J-1217**	Front Cup & Seal Replacer	1972 to current Courier	Installs inner & outer cups and seal
	**T73T-1217-A**	Bearing Cup Replacer	F-100 1971 thru current all cars	Front outer cup Part No. DOAZ-1217-A
	T73T-1217-B	Bearing Cup Replacer	F-100 & 250, E-100 & 250	Use with T80T-4000-W
	T73T-1217-C	Bearing Cup Replacer	Truck P-350 & 400	Use with T80T-4000-W
	T77F-1217-A	Bearing Cup Replacer	1978 thru current Fiesta Rear Hub	Use with T80T-4000-W or T77F-1176-A inner rear cup
	T77F-1217-B	Bearing Cup Replacer	1978 thru current Fiesta Front Hub	Use with T80T-4000-W inner & outer bearing cups

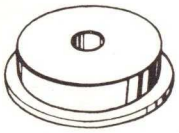
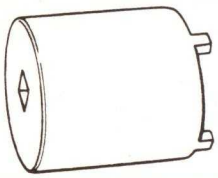
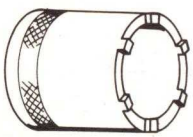
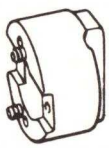
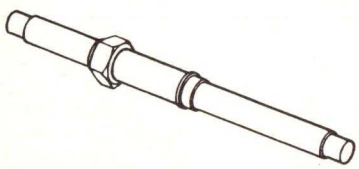
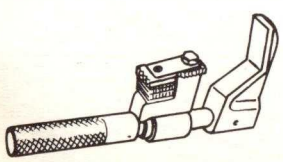
ILLUSTRATION	PART NO.	DESCRIPTION	APPLICATION	REMARKS
	**T75T-1225-A**	Bearing Cup Replacer	1975 thru current Econoline Rear Axle	Use with T75T-1176-A
	T75T-1225-B	Bearing Cup Replacer	1975 thru current Econoline Rear Axle	Use with T75T-1176-A
	T76T-1225-C	Bearing Cup Replacer	1976 thru current E-350 with duals Rear Axle	Use with T75T-1176-A
	T80T-4000-P	Bearing Cup Replacer	F-150 & Bronco 1980 thru current (inner hub)	Use with T80T-4000-W
	T80T-4000-Q	Bearing Cup Replacer	F-250 1980 thru current (inner hub)	Use with T80T-4000-W
	T73T-4222-A	Bearing Cup Replacer	F-250	Part No. CIVW-4222-A
	T73T-4222-B	Bearing Cup Replacer	F-250 & 350, E-200 & P-350, & P-400	Part No. B7A-4222-A
	**T59T-1197-B**	Front Wheel Bearing Spanner	1959 thru current 4-wheel drive F100-250 & Bronco	½" sq. drive 4 prongs
	**D78T-1197-A**	Front Wheel Bearing Spanner	1978 thru current F250-350	½" sq. drive 6 prongs
	**T64T-3294-A**	Front Wheel Bearing Spanner	9000 lb. & 11000 lb. front axles	Adjusts to fit both
	**T75T-1200-A**	Brake Drum Balancing Shaft	All medium heavy & extra heavy trucks	28" long for static balancing of drum & spider assembly
	**D79T-4000-A**	Outside Thread Chaser	Universal	Threads per inch 4, 5, 6, 7, 7½, 8, 9, 10, 11, 11½, 12, 14, 16, 18, 20, & 24

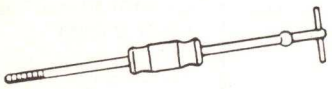
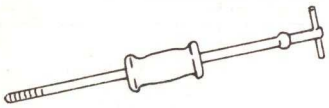
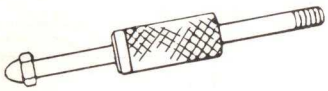
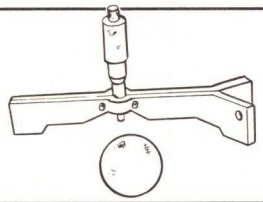
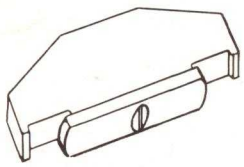
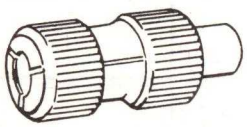
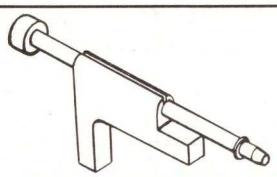
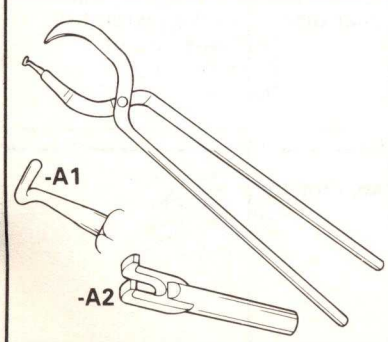
ILLUSTRATION	PART NO.	DESCRIPTION	APPLICATION	REMARKS
	**T50T-100-A**	Impact Slide Hammer	Universal	5/8-18 Thread, 24" Long, 2½ lb. Hammer
	**D79P-100-A**	Impact Slide Hammer	Universal	5/8-18 Thread, 24" Long, 5 lb. Hammer
	**T59L-100-B**	Impact Slide Hammer	Universal	Short version of T50T-100-A, 12" Long
	**T71P-1102-A**	Disc Rotor Surface Gauge	All cars and light trucks with disc brakes	
	T74P-1102-A	Rotor Gauge Ball	For use with T71P-1102-A	
	**T75P-1102-A**	Rotor Thickness Gauge	1975 thru current Thunderbird, Lincoln & Mark 1975 — 78 Ford & Mercury	Use with T71P-1102-A
	T75P-1102-B	Rotor Thickness Gauge	1975-78 Granada & Monarch 1978 thru current Versailles. 1979 thru current Ford & Mercury	Use with T71P-1102-A & T79L-1102-A (Ford & Mercury)
	**T79L-1102-A**	Rotor Thickness Gauge Adapter	1979 thru current Ford & Mercury	Use with T71P-1102-A
	**T77F-2001-A**	Brake Pad Wear Gauge	1978 thru current Fiesta	
	**D80T-2035-A**	Truck Brake Spring Plier	Hydraulic, Wedge & "S" cam air brakes	Replaceable tips -A1 & -A2 included
	D80T-2035-A1	Replacement Tip	Hydraulic & Wedge type air brakes	
	D80T-2035-A2	Replacement Tip	"S" Cam Air Brakes	

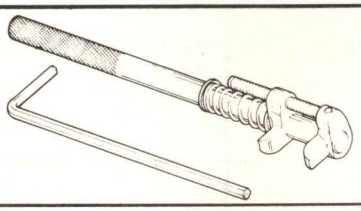
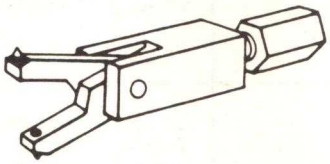
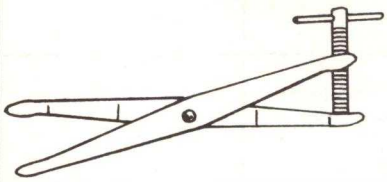
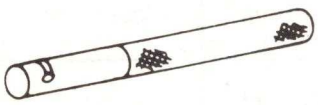
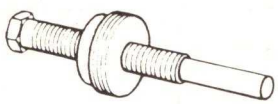
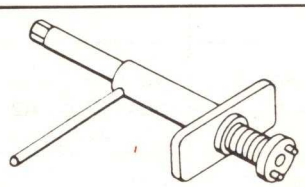
ILLUSTRATION	PART NO.	DESCRIPTION	APPLICATION	REMARKS
	**D80P-2118-A**	Disc Brake Piston Remover	Dual piston fixed caliper disc brakes	Does not fit floating caliper piston
	**T73L-2196-A**	Disc Brake Piston Remover	Universal	Use with slide hammer, 1-2¾" capacity
	**D79L-2196-A**	Disc Brake Pad Spreader	Universal	Holds pads apart when placing caliper over rotor
	T73T-2208-A	Front Brake Bleeder Wrench	1972 thru current light truck	
	T71T-2225-A	Parking Brake Chamber Compressor	Truck "MAXI" parking brake	
	**T73T-2300-A**	Hold Down Spring Tool	F-Series Truck	To install and remove brake shoe hold down spring
	**T75P-2588-A**	Disc Brake Piston Remover	1975 thru current cars with rear disc brakes	
	**T75P-2588-B**	Brake Piston Turning Tool	1975 thru current cars with rear disc brakes	Rotates rear disc brake piston for installing or adjusting
	D79T-2000-A	Anchor Pin Press	Truck brake, Pins to 1¼" dia.	

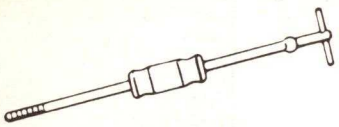
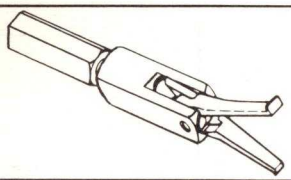
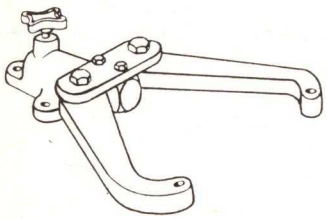
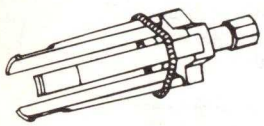
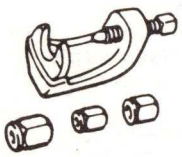
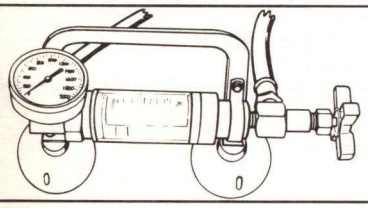
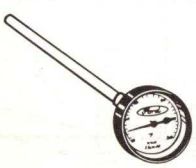
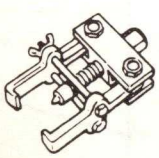
ILLUSTRATION	PART NO.	DESCRIPTION	APPLICATION	REMARKS
	**T50T-100-A**	Impact Slide Hammer	Universal	5/8-18 Thread, 24" Long, 2½ lb. Hammer
	T59L-100-B	Impact Slide Hammer	Universal	Short Version of T50T-100-A, 12" Long
	**T58L-101-A**	Puller Attachment	Universal	Range = 5/8 to 2 5/8". Use with a slide hammer
	**T57L-500-B**	Bench Mounted Holding Fixture	Universal	Two moveable arms rotate 360°
	**TOOL-1175-AC**	Seal Remover	Universal	Use with a slide hammer
	**TOOL-3290-C**	Tie Rod End Remover	Universal	
	**D79L-33610-A**	Power Steering Analyzer	Ford cars & light trucks	Available to Ford & Lincoln-Mercury dealers thru Rotunda as 14-0207
	**T68L-33610-A1**	Thermometer	Universal	Use with D79L-33610-A
	**T64P-3590-F**	Pitman Arm Puller	Universal	Replacement jaws are available as a pair. (T64P-3590-FJ)

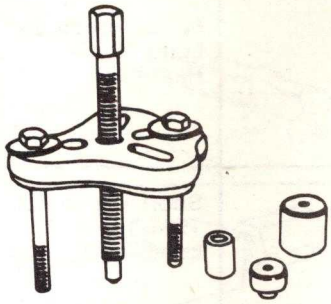
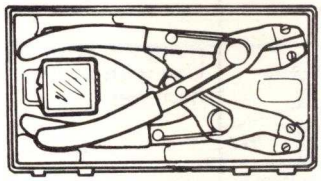
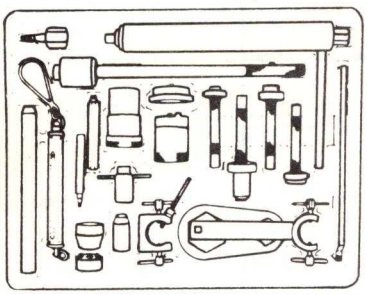
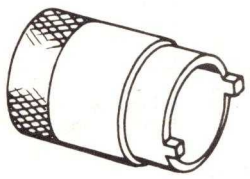
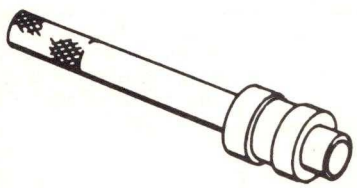
ILLUSTRATION	PART NO.	DESCRIPTION	APPLICATION	REMARKS
	T67L-3600-A	Steering Wheel Puller	Universal	
	D79L-7000-A	Retaining Ring Pliers	Universal	Internal and external
	T74P-3504-A	This TRW Rack & Pinion Power Steering Service Set contains one each of: **Tool Number** — **Description** **T74P-3504-B** Rack Bushing Locknut Wrench **T78P-3504-J** Rack Oil Seal Remover **T74P-3504-D** Inner Rack Oil Seal Replacer **T74P-3504-E** Rack Bushing Holding Tool **T74P-3504-F** Outer Rack Oil Seal Replacer **T74P-3504-G** Teflon Ring Replacer **T74P-3504-H** Teflon Ring Sizing Tool **T74P-3504-J** Rack Seal Protector Sleeve (Short) **T79P-3504-K** Rack Seal Protector Sleeve (Long) **T74P-3504-L** Brass Tube Seat Remover **T74P-3504-M** Brass Tube Seat Replacer **T74P-3504-N** Input Shaft Dust Seal Replacer **T74P-3504-P** Input Shaft Needle Bearing Replacer **T74P-3504-Q** Pinion Assembly Ball Bearing Replacer **T74P-3504-R** Pinion Shaft Torque Adapter **T74P-3504-S** Inner Ball-Joint Spanner Wrench **T74P-3504-T** Inner Ball-Joint Locknut Torque Adapter **T74P-3504-U** Pinion Housing Yoke Nut and Input Shaft Plug Nut Wrench **T74P-3504-W** Pinion Yoke Plug Spanner Wrench **T74P-3504-X** Locknut Pin Staking Tool **T74P-3504-Y** Spring Scale (0-10 Lbs.) **T74P-3504-Z** Locknut Pin Drill & Drill Bushing		
	T74P-3504-B	Rack Bushing Locknut Wrench	TRW Rack & Pinion Power Steering	½" square drive
	T74P-3504-D	Inner Rack Seal Replacer	TRW Rack & Pinion Power Steering	

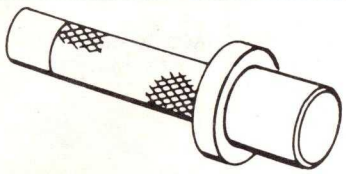
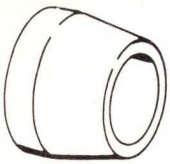
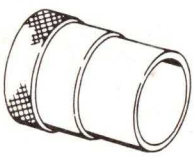
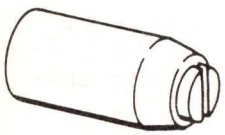
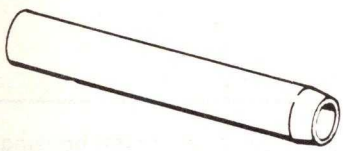
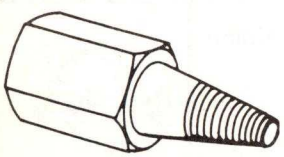
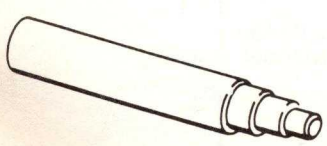
ILLUSTRATION	PART NO.	DESCRIPTION	APPLICATION	REMARKS
	T74P-3504-E	Rack Bushing Holding Tool	TRW Rack & Pinion Power Steering	Used with T78P-3504-J to remove outer rack oil seal
	T74P-3504-F	Outer Rack Seal Replacer	TRW Rack & Pinion Power Steering	
	T74P-3504-G	Teflon Ring Replacer	TRW Rack & Pinion Power Steering	Installs rings on rack and valve pistons
	T74P-3504-H	Teflon Ring Sizing Tool	TRW Rack & Pinion Power Steering	Fits in rack housing & on valve housing to size rings
	T74P-3504-J	Rack Seal Protector Sleeve	TRW Rack & Pinion Power Steering	Protects outer rack seal and rack bushing
	T79P-3504-K	Rack Seal Protector Sleeve	Ford Power Rack & Pinion 1978 thru current TRW Power Rack & Pinion	Protects inner rack oil seal
	D80P-3504-K	Rack Seal Protector Sleeve	1977 & earlier TWR Power Rack & Pinion	Protects inner rack oil seal
	T74P-3504-L	Brass Tube Seat Remover	TRW Rack & Pinion Power Steering	Use with T50T-100-A. Removes both sizes of brass tubes
	T74P-3504-M	Brass Tube Seat Replacer	TRW Rack & Pinion Power Steering	Replaces both sizes of brass tubes

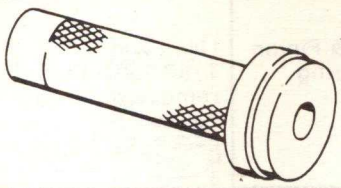
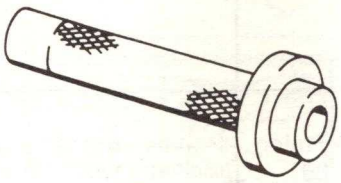
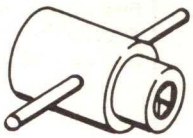
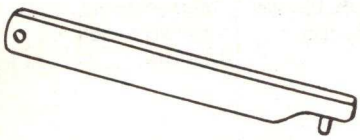
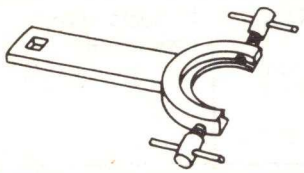
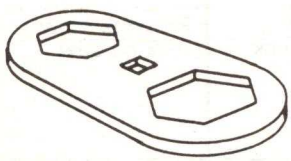
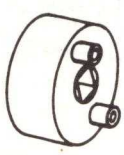
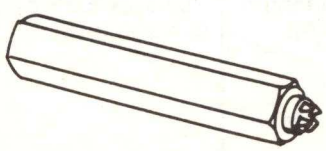
ILLUSTRATION	PART NO.	DESCRIPTION	APPLICATION	REMARKS
	T74P-3504-N	Input Shaft Seal Replacer	TRW Rack & Pinion Power Steering	Installs input shaft dust seal
	T74P-3504-P	Input Shaft Bearing Replacer	TRW Rack & Pinion Power Steering	Installs input shaft needle bearing
	T74P-3504-Q	Pinion Assembly Bearing Replacer	TRW Rack & Pinion Power Steering	
	T74P-3504-R	Pinion Shaft Torque Adapter	TRW Rack & Pinion Power Steering	Holds pinion shaft while torquing locknut
	T74P-3504-S	Inner Ball Joint Spanner	TRW Rack & Pinion Power Steering	Use with T74P-3504-Y to set articulation
	T74P-3504-T	Locknut Torque Adapter	TRW Rack & Pinion Power Steering	For Torquing inner ball joint locknut
	T74P-3504-U	Nut Wrench	TRW Rack & Pinion Power Steering	For Pinion housing yoke nut & input shaft plug nut
	T74P-3504-W	Pinion Yoke Plug Spanner	TRW Rack & Pinion Power Steering	
	T74P-3504-X	Locknut Pin Staking Tool	TRW Rack & Pinion Power and Manual Steering	

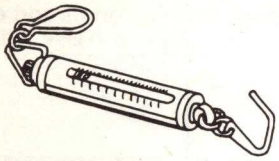
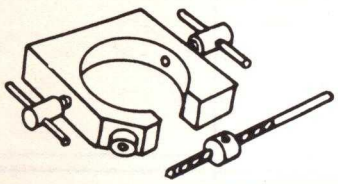
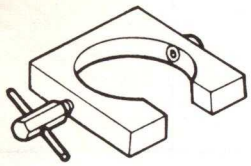
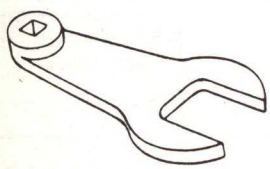
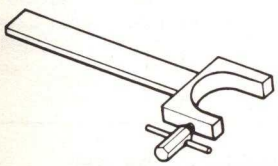
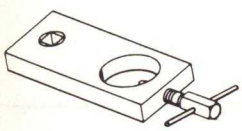
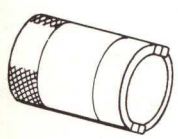
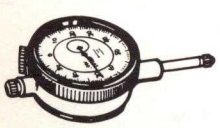
ILLUSTRATION	PART NO.	DESCRIPTION	APPLICATION	REMARKS
	**T74P-3504-Y**	Spring Scale	TRW Rack & Pinion Power and Manual Steering	0-10 lbs. Used with T74P-3504-S for setting articulation
	**T74P-3504-Z**	Lock Pin Drill & Fixture	TRW Rack & Pinion Power Steering	Built in depth gauge
	**T74P-3504-AA**	Lock Pin Drill Fixture	TRW Rack & Pinion Manual Steering	Use with drill from T74P-3504-Z which has a depth gauge
	**T74P-3504-BB**	Locknut Torque Wrench Adapter	TRW Rack & Pinion Manual Steering	
	**T74P-3504-CC**	Ball Housing Wrench	TRW Rack & Pinion Manual Steering	Used with T74P-3504-Y
	**T78P-3504-AA**	Ball Housing Torque Adapter	TRW Rack & Pinion Manual Steering	Removes & installs tie rods
	**T77P-3504-A**	Rack Bushing Lockring Tool	1977½ thru current TRW Rack & Pinion Power Steering with stamped steel ends	NOTE: Lockring is not threaded
	**D78P-4201-G**	Dial Indicator 1" Travel	Universal	
	T75P-3504-J	Dial Indicator Mounting Block	1978 thru current Fiesta	Use with D78P-4201-G to calculate shim pack thickness

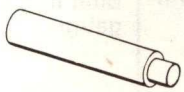
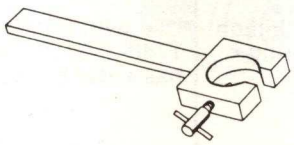
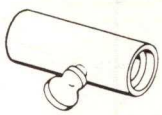
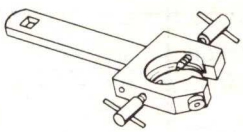
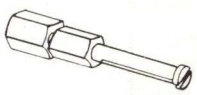
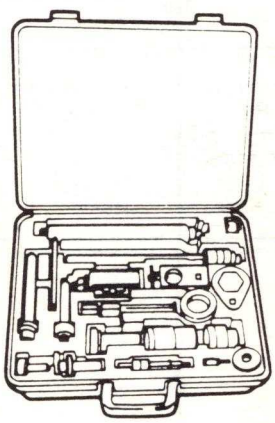
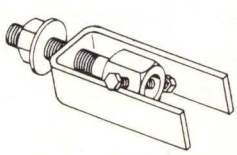
ILLUSTRATION	PART NO.	DESCRIPTION	APPLICATION	REMARKS
	T77F-3290-A	Tie Rod Remover Adapter	1978 thru current Fiesta	Fits on tie rod end thread. Use with TOOL-3290-C
	**T77F-3504-B**	Pinion Shaft Bushing Replacer	1978 thru current Fiesta	
	**T77F-3504-C**	Ball Joint Housing Spanner	1978 thru current Fiesta	
	**T77F-3504-D**	Pinion Torque Adapter	1978 thru current Fiesta	Use with ⅜" torque wrench—installs pinion shaft seal track bushing
	**T77F-3504-E**	Locknut Spanner & Drill Fixture	1978 thru current Fiesta	T74P-3504-Z drill & collar must be used. Also used with T77F-3504-C
	**T77F-3504-F**	Pinion Shaft Bushing Remover	1978 thru current Fiesta	Use with T50T-100-A
	**T78P-3504-A**	This Ford Rack & Pinion Power Steering Gear and C II Pump Service Set contains one each of: **Tool Number** — **Description** **T78P-3504-AA** Ball Housing Torque Adapter **T78P-3504-B** Valve Body Puller **T78P-3504-C** Valve Body Insertion Tool **T78P-3504-D** Upper Pinion Bearing & Seal Replacer **T78P-3504-E** Lower Pinion Seal Remover **T78P-3504-F** Lower Pinion Seal Replacer **T78P-3504-G** Lower Pinion Bearing Replacer **T78P-3504-H** Pinion Housing Yoke Locknut Wrench **T78P-3504-J** Rack Oil Seal Remover **T78P-3504-K** Inner Rack Oil Seal Replacer **T78P-3504-L** Rack Bushing Holding Tool **T78P-3504-M** Teflon Ring Sizing Tool **T78P-3504-N** Locknut Pin Remover **T78P-3733-A** Power Steering Pump Service Set		
	**T78P-3504-B**	Valve Body Puller	Ford Power Rack & Pinion Steering	

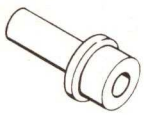
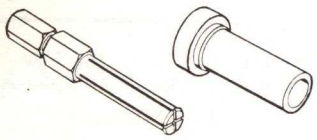
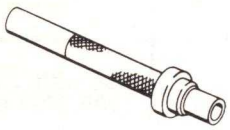
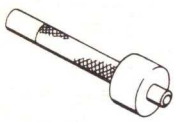
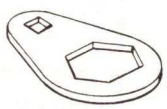
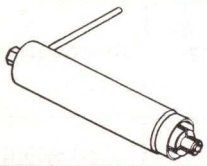
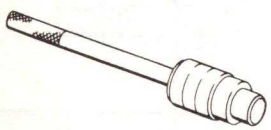
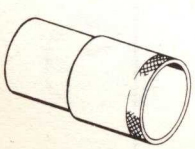
ILLUSTRATION	PART NO.	DESCRIPTION	APPLICATION	REMARKS
	T78P-3504-C	Valve Body Insertion Tool	Ford Power Rack & Pinion Steering	Protects teflon rings
	T78P-3504-D	Upper Pinion Bearing/Seal Replacer	Ford Power Rack & Pinion Steering	
	T78P-3504-E	Lower Pinion Seal Remover	Ford Power Rack & Pinion Steering	Use with T50T-100-A Slide Hammer
	T78P-3504-F	Lower Pinion Seal Replacer	Ford Power Rack & Pinion Steering	
	T78P-3504-G	Lower Pinion Bearing Replacer	Ford Power Rack & Pinion Steering	
	T78P-3504-H	Pinion Housing Yoke Locknut Wrench	Ford Power Rack & Pinion Steering	
	T78P-3504-J	Rack Oil Seal Remover	Ford Power Rack & Pinion Steering TRW Rack & Pinion Power Steering	Use with T50T-100-A Inner Seal
	T78P-3504-K	Rack Oil Seal Replacer	Ford Power Rack & Pinion Steering	Inner Seal
	T78P-3504-L	Rack Bushing Holding Tool	Ford Power Rack & Pinion Steering	Used with T78P-3504-J and holds bushing
	T78P-3504-M	Teflon Ring Sizing Tool	Ford Power Rack & Pinion Steering	Protects piston rings

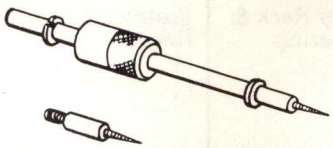
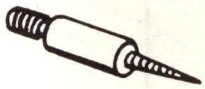
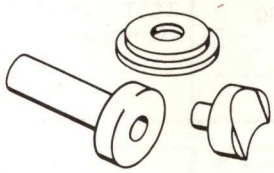
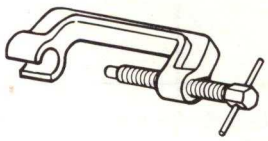
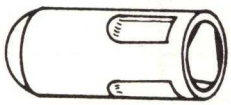
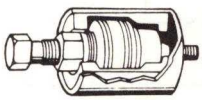
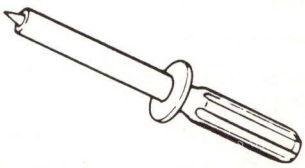
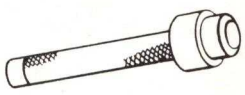
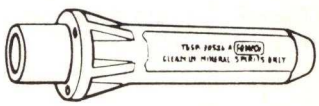
ILLUSTRATION	PART NO.	DESCRIPTION	APPLICATION	REMARKS
	**T78P-3504-N**	Locknut Pin Remover	Ford Power Rack & Pinion & TRW Manual Rack & Pinion Steering	Small slide hammer
	**T78P-3504-N2**	Replacement tip for T78P-3504-N	Ford Power Rack & Pinion & TRW Manual Rack & Pinion Steering	
	**T78P-3733-A**	Power Steering Pump Tools	1978 thru current C II Power Steering Pump	3 piece set. Use with T74P-3044-A1
	**T74P-3044-A1**	C-Frame & Clamp Assembly	1978 thru current C II Power Steering Pump	Use with T78P-3733-A
	**T72P-3B592-A**	Pump Shaft Seal Replacer	Lincoln, Mark, & Thunderbird with 429 & A/C	Saginaw Power Steering Pump
	**T75L-3733-A**	Steering Pump Pulley Tool	Saginaw Power Steering Pump 1979 thru current C II thru current	Removes & Replaces Pulley Removes pulley
	**T65P-3D517-A**	Rack Piston Arbor	Saginaw Integral Power Steering	Used when installing or removing rack-piston
	**T65P-3D525-A**	Adjuster Plug Bearing Tool	Saginaw Integral Power Steering	Removes & installs bearing
	**T65P-3D526-A**	Adjuster Plug Seal Installer	Saginaw Integral Power Steering	

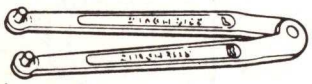
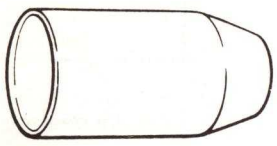
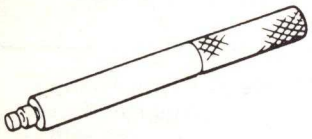
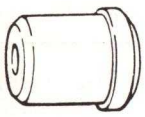
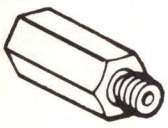
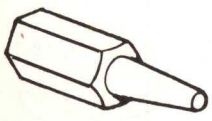
ILLUSTRATION	PART NO.	DESCRIPTION	APPLICATION	REMARKS
	**T65P-3A537-A**	Bearing Preload Spanner Wrench	Saginaw Integral Power Steering	For thrust bearing preload nut
	**T65P-3A537-B**	Adjuster Plug Seal Protector	Saginaw Integral Power Steering	
	**T65P-3548-A**	Oil Line Connector Seat Installer	Saginaw Integral Power Steering	
	**T65P-3576-C**	Sector Needle Bearing Tool	Saginaw Integral Power Steering	Removes & installs. Use with handle from T65P-3524-A
	T65P-3D642-A	Sector Shaft Seal Installer	Saginaw Integral Power Steering	Fits over shaft
	T65P-3805-A	Piston Rack Ring Compressor	Saginaw Integral Power Steering	
	**T74P-3517-A**	Air Line Adapter	Ford Integral Power Steering	Valve centering tool. Use with T74P-3517-B & -C
	**T74P-3517-B**	Valve Centering Tool Nozzle	Ford Integral Power Steering	Use with T74P-3517-A & -C
	T74P-3517-C	Valve Centering Tool Gauge	Ford Integral Power Steering	Use with T74P-3517-A & -B

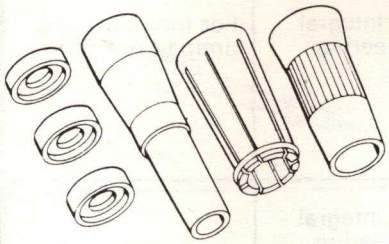
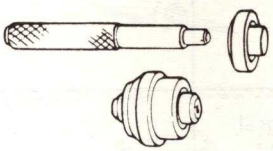
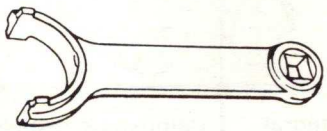
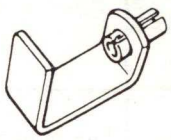
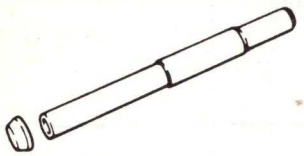
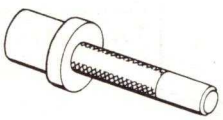
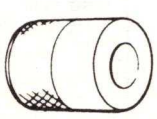
ILLUSTRATION	PART NO.	DESCRIPTION	APPLICATION	REMARKS
	T75L-3517-A	Seal Installation Set	Ford Integral Power Steering	Use to install teflon seals and size them
	T65P-3524-A	Input Shaft Bearing/Seal Tool	Ford Integral Power Steering	Removes & installs needle bearing
	T66P-3553-B	Adjustor & Locknut Wrench	Ford Integral Power Steering	Worm Bearing Adjuster & Lock nut. Use with T66P-3553-C
	T66P-3553-C	Spacer-Valve Housing to Piston	Ford Integral Power Steering	Used with T66P-3553-B
	T65P-3576-A	Sector Shaft Bushing Tool	Ford Integral Power Steering	Removes and replaces
	T65P-3576-B	Sector Shaft Seal Replacer	1965 thru 76 Ford Integral Power Steering	Replaces seals & lock ring
	T77L-3576-A	Sector Shaft Seal Replacer	1977 thru current Ford Integral Power Steering	
	T69P-3B586-A	Plunger Seal Protector	1965 thru 77 Ford-Thompson Power Steering Pump	
	T68P-3B592-A	Steering Pump Seal Replacer	Ford-Thompson Power Steering Pump	Use with T68P-3B592-B

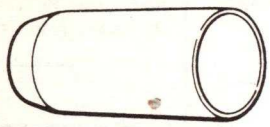
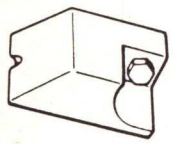
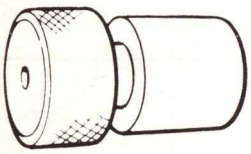
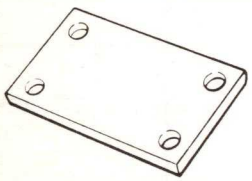
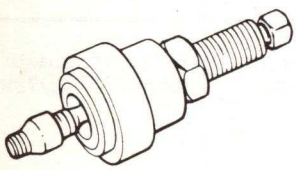
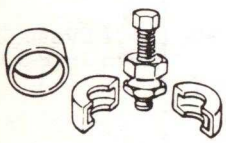
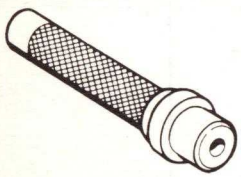
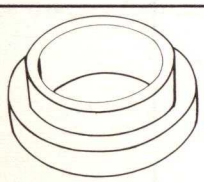
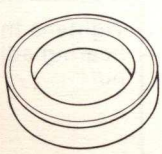
ILLUSTRATION	PART NO.	DESCRIPTION	APPLICATION	REMARKS
	**T68P-3B592-B**	Pump Shaft Seal Protector	Ford-Thompson Power Steering Pump	Use with T68P-3B592-A
	**T69P-3D608-A**	Indicator Gauge Block	Ford-Thompson Power Steering Pump	Use with T78P-4201-G
	**T69P-3D608-B**	Guide Pin Installer	Ford-Thompson Power Steering Pump	
	**T69P-3A674-A**	Adapter Plate	Ford-Thompson Power Steering Pump	Used to mount pump to T57L-500-B
	**T65P-3A733-C**	Steering Pump Pulley Replacer	Ford-Thompson Power Steering Pump — 1978 thru current C II	
	**T69L-10300-A**	Steering Pump Pulley Remover	Ford-Thompson Power Steering Pump — 1978 thru current C II	
	**T75T-3527-A**	Sector Bushing Tool	1975 thru current Econoline	Removes & Replaces Bushing
	**T80T-3527-B**	Sector Shaft Bearing Replacer	F-100 — F-350 & Bronco 1980 thru current	Use with T75T-3527-A
	**T80T-3527-C**	Sector Shaft Seal Replacer	F-100 — F-350 & Bronco 1980 thru current	Use with T75T-3527-A

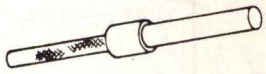
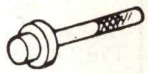
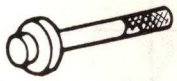
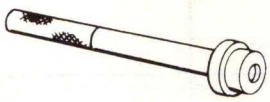
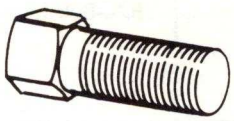
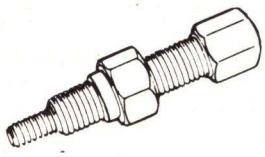
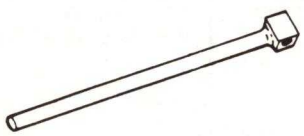
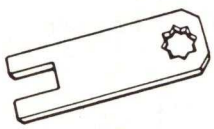
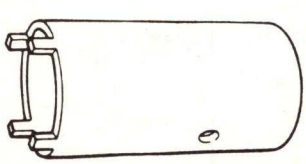
ILLUSTRATION	PART NO.	DESCRIPTION	APPLICATION	REMARKS
	**T72J-3576**	Sector Shaft Bushing Tool	1972 thru current Courier	Removes & replaces bushing
	**T72J-3576-A**	Sector Shaft Seal Replacer	1972 thru current Courier	
	**T72J-3738**	Worm Shaft Seal Replacer	1972 thru current Courier	
	**T75T-3576-A**	Worm Bearing Cup Replacer	1975 thru current Econoline	
	**T73T-3730-A**	Steering Valve Centering Tool	Truck	
	**T70P-3D739-A**	Pivot Pin Remover	1971 thru current Ford tilt column	8-32 thread. Use with T67P-3D739-C
	T67P-3D739-B	Pivot Pin Remover	1967 thru 1970 Ford tilt column	6-32 thread. Use with T67P-3D739-C
	**T67P-3D739-C**	Pivot Pin Remover Handle	Use with T70P-3D739-A & T67P-3D739-B	
	**T70P-3D643-A**	Steering Pump Belt Adjuster	1965-70 vehicles without 429 or 460 engine and cast aluminum pump brackets	
	**T66T-3553-A**	Thrust Bearing Adjustment Wrench	Ross Semi-Integral Power Steering	Tightens thrust bearing adjustment nut

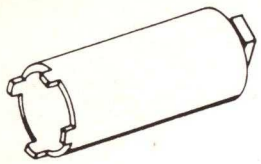
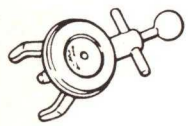
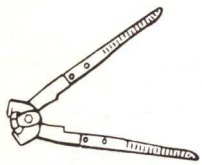
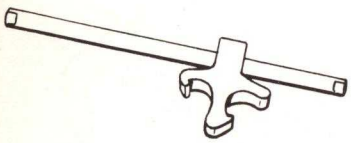
ILLUSTRATION	PART NO.	DESCRIPTION	APPLICATION	REMARKS
	T66T-3553-B	Thrust Bearing Adjustment Wrench	Ross Integral Power Steering F-500 F-750 trucks	Tightens thrust bearing adjustment nut
	T63L-8620-A	Belt Tension Gauge	Universal	
	T63P-9171-A	Keystone Clamp Plier	Universal. All sizes	Built in stop
	T71P-19703-C	O-Ring Tool	Universal	Pick on one end & seater on the other
	D79P-3283-A	Tie Rod Adjustment Tool	Universal	
	D80L-2100-A	Break-off Bolt Socket	Modular I Steering Column	

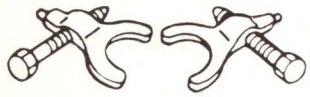
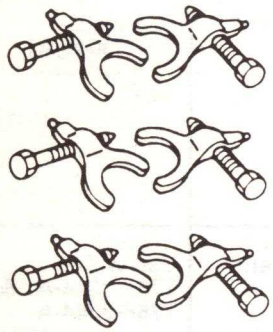
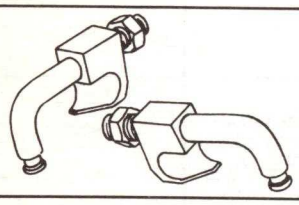
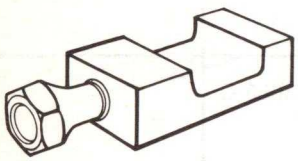
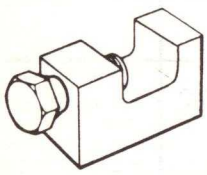
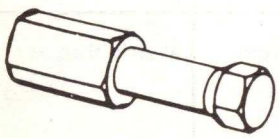
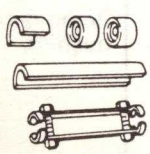
ILLUSTRATION	PART NO.	DESCRIPTION	APPLICATION	REMARKS
	T69P-3000-A	Caster-Camber Tool	1965-78 Ford & Mercury. 1965 thru current Thunderbird, Mark & Lincoln	Set of 4
	T71P-3000-A	Caster-Camber Tool	1971 thru 73 Pinto	Set of 2
	T74P-3000-A	Caster-Camber Tool Application of T74P-3000-A1 thru A6 Lft. Front Mustang ..... A1 Rt. Front Mustang ..... A2 Lft. Rear Pinto (Bobcat) Mustang ..... A3 Rt. Rear Pinto (Bobcat) Mustang ..... A4 Lft. Front Pinto (Bobcat) ..... A5 Rt. Front Pinto (Bobcat) ..... A6 Individual tools are available.	1974 thru current Pinto & Bobcat. 1974-78 Mustang	Set of 6
	T79P-3000-A	Caster-Camber Tool	1979 thru current Ford & Mercury	
	T57P-3006-B	Spindle Ball Joint Press	All except Pinto, Bobcat, Granada, Monarch & 1974-78 Mustang	
	T71P-3006-A	Spindle Ball Joint Press	1971-73 Pinto 1975 thru current Granada & Monarch	
	T74P-3006-A	Spindle Ball Joint Press	1974 to current Pinto & Bobcat. 1974-78 Mustang	
	T65P-3044-A	Upper Arm Bushing Tool	1965-78 Ford & Mercury. 1965 thru current Thunderbird, Mark, Lincoln, & LTD II	

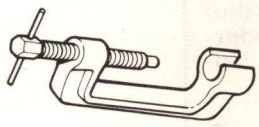
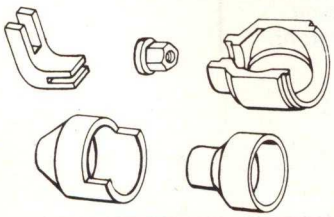
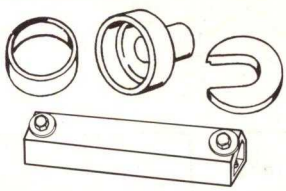
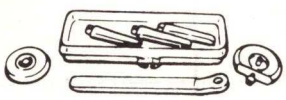
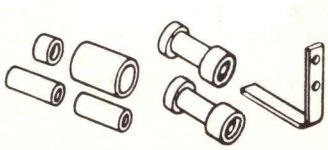
ILLUSTRATION	PART NO.	DESCRIPTION	APPLICATION	REMARKS
	T74P-3044-A1	C-Frame & Clamp Assembly	74-78 Mustang, 74 thru current Pinto & Bobcat. 75 thru current Granada & Monarch	Use with T75P-3044-A or T74P-3044-A
	T74P-3044-A2	Upper Arm Bushing Adapters	1974 thru current Pinto & Bobcat. 1974-78 Mustang	Use with T74P-3044-A1
	T75P-3044-A	Upper Arm Bushing Adapters	1975 thru current Granada and Monarch	Use with T74P-3044-A1
	T79P-3044-A	Upper Arm Bushing Tool	1979 thru current Ford & Mercury	Use with T74P-3044-A1 & T75P-3044-A
	T70P-3068-C	Upper Arm Lube Kit	1965-71 light cars and Thunderbird. 1965 thru 77 Comet & Maverick	
	T70P-3068-BA	Air Vent	Part of T70P-3068-C	
	T70P-3068-D	Lube Wafer	Part of T70P-3068-C	
	T72J-3068	Upper Arm Lube Adapter	1972 thru current Courier	Metric thread
	T72J-3069	Lower Arm Bushing Tool	1972 thru current Courier	Removes & installs bushing

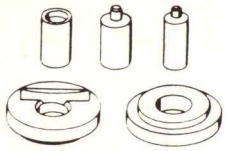
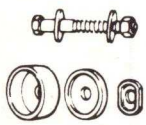
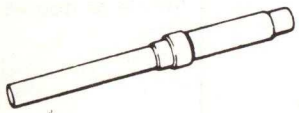
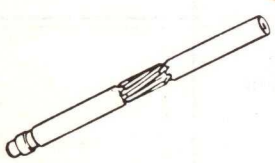
ILLUSTRATION	PART NO.	DESCRIPTION	APPLICATION	REMARKS
	**T77F-3069-A**	Suspension Bushing Tool	1978 thru current Fiesta	Replaces all rubber suspension bushings
	T75P-3082-A	Ball Joint Seal Replacer	1975 thru current Monarch & Granada	Compresses seal over upper arm ball joint
	T75P-3082-B	Ball Joint Seal Replacer	1974 thru current frame cars. 1979 thru current Ford & Mercury	Compresses seal over upper arm ball joint
	T75P-3042-B	Ball Joint Seal Replacer	1974 thru current frame cars. 1978 thru current Fairmont & Zephyr. 1979 thru current Mustang & Capri.	Compresses seal over lower arm ball joint
	**T65T-3B177-A**	Front Suspension Bushing Tool	1965 thru current F & E series Twin I beam trucks	Removes & Replaces
	**T53T-3110-A**	King Pin Bushing Tool	1967 thru current F-100 & 250	Pilots when removing & installing king pin bushing
	**T53T-3110-D**	King Pin Bushing Reamer	.860 dia.	
	T53T-3110-E	King Pin Bushing Reamer	.923 dia.	
	T53T-3110-F	King Pin Bushing Reamer	1.2345 dia.	

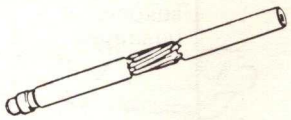
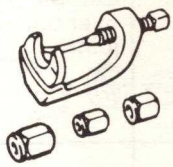
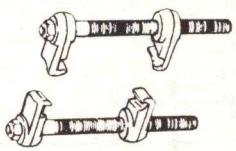
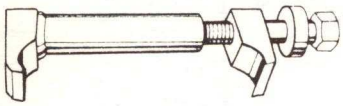
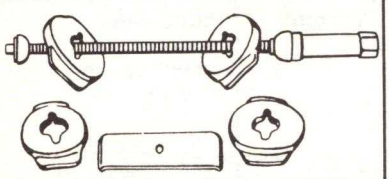
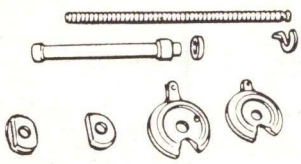
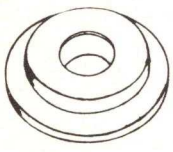
ILLUSTRATION	PART NO.	DESCRIPTION	APPLICATION	REMARKS
	T61E-3110-B	King Pin Bushing Reamer	.742 dia.	
	TOOL-3290-C	Tie Rod End Remover	Universal	
	T77F-3290-A	Tie Rod Remover Adapter	1978 thru current Fiesta	Metric thread M10× 1.0
	T70P-5045	Coil Spring Compressor	1978 thru current Fiesta	
	TOOL-5310-A	Coil Spring Compressor	1957-68 Lincoln	
	D78P-5310-A	Coil Spring Compressor	All vehicles with spring on lower control arm	Single or double arm
	T63P-5310-A	Coil Spring Compressor	All vehicles with spring on upper control arm	
	T66P-5310-A	Coil Spring Compressor Adapter	1966-69 Falcon Comet & Fairlane	
	T67P-5310-A	Coil Spring Compressor Adapter	1967 thru current Cougar, 1967-78 Mustang	Use with T63P-5310-A

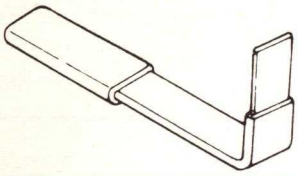
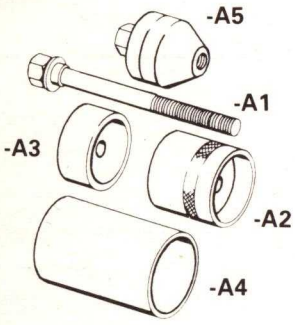
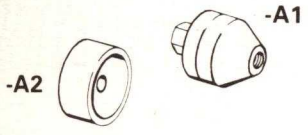
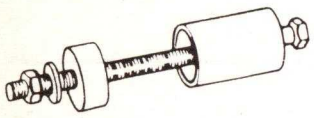
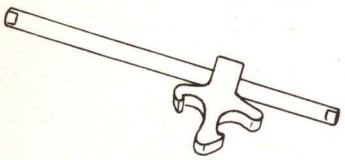
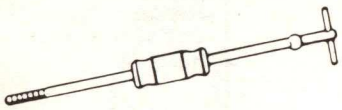
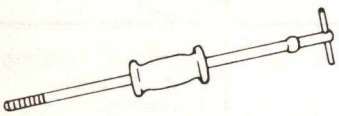
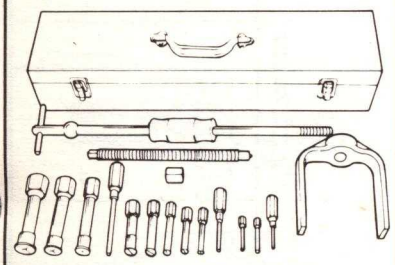
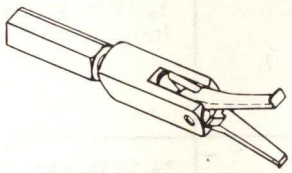
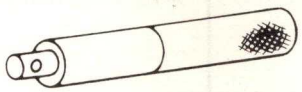
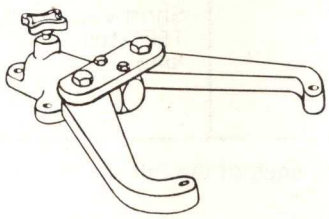
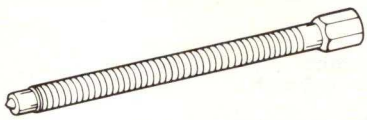
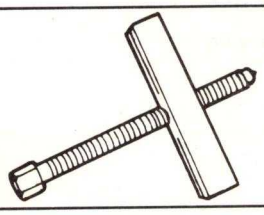
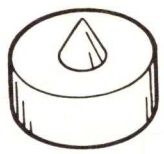
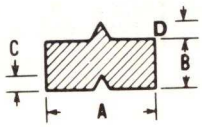
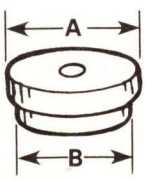
ILLUSTRATION	PART NO.	DESCRIPTION	APPLICATION	REMARKS
	T78T-5465-A	Front Spring Pin Puller	CL 9000 Truck	
	T72P-5538-A	Stabul Suspension Adjusting Tool	1972 thru 1979 with 9" axle & Stabul suspension	
	T78P-5638-A	Suspension Bushing Service Set	6.75" & 7.5" 4-Bar Rear axle vehicles	
	T79P-5638-A	Suspension Bushing Service Set	8.5" 4-Bar rear axle vehicle	
	T80T-5638-A	Front Suspension Bushing Tool	Dana 44 IFS Dana 50 IFS	Use with T78P-5638-A1, -A2 & -A4
	T71P-5029-A	Spring Eye Bushing Replacer	1971 thru current Pinto. 1974 thru current Bobcat	Rear Leaf Spring
	D79P-3283-A	Tie Rod Adjustment Tool	Universal	

ILLUSTRATION	PART NO.	DESCRIPTION	APPLICATION	REMARKS
	**T50T-100-A**	Impact Slide Hammer	Universal	5/8-18 thread, 24" long
	**D79P-100-A**	Impact Slide Hammer	Universal	5/8-18 thread, 24" long, 5 lb. hammer
	T59L-100-B	Impact Slide Hammer	Universal	Short version of T50T-100-A, 12" long
	**D80L-100-A**	This Blind Hole Puller Set contains one each of the following: **Part Number** — **Description** **D80L-100-B** Forcing Screw **D80L-100-C** Forcing Screw Nut **D80L-100-D** Hammer, 2½ Lb. **D80L-100-E** Shank and Tee Bar Assembly **D80L-100-F** Actuator Pin, ⅛" Dia., for use with collets -K & -L **D80L-100-G** Actuator Pin, 3/16" Dia. for use with collets -M thru -R **D80L-100-H** Actuator Pin, ½" Dia., for use with collets -S thru -U **D80L-100-J** Metal Box **D80L-100-K** Collet - 5/16" to ⅜" **D80L-100-L** Collet - ⅜" to 7/16" **D80L-100-M** Collet - 7/16" to ½" **D80L-100-N** Collet - ½" to ⅝" **D80L-100-P** Collet - ⅝" to ¾" **D80L-100-Q** Collet - ¾" to ⅞" **D80L-100-R** Collet - ⅞" to 1" **D80L-100-S** Collet - 1" to 1¼" **D80L-100-T** Collet - 1¼" to 1½" **D80L-100-U** Collet - 1½" to 1¾" **D80L-100-V** Bridge **D80L-100-W** Bridge Assembly (-B, -C & -V)		
		Threaded Adapters	Universal	Use with D80L-927-A or D80L-938-A

	FEMALE END	MALE END	LGTH.
D80L-209-M	5/8"-18	¼"-20	2¼"
D80L-211-M	5/8"-18	5/16"-18	2¼"
D80L-212-M	5/8"-18	7/16"-14	2¼"
D80L-213-M	5/8"-18	7/16"-20	2¼"
D80L-214-M	5/8"-18	⅜"-24	2¼"
D80L-215-M	5/8"-18	⅜"-16	2¼"
D80L-216-M	5/8"-18	½"-20	2¼"
D80L-217-M	5/8"-18	½"-13	2¼"
D80L-218-M	5/8"-18	9/16"-18	2¼"
D80L-219-M	5/8"-18	9/16"-12	2¼"
D80L-220-M	5/8"-18	⅝"-11	2¼"
D80L-224-M	5/8"-18	¾"-16	2¼"
D80L-225-M	5/8"-18	¾"-10	2¼"
D80L-228-M	5/8"-18	⅞"-14	2¼"
D80L-229-M	5/8"-18	⅞"-9	2¼"
D80L-232-M	5/8"-18	1"-14	2¼"
D80L-237-M	5/8"-18	⅛" pipe	2¼"

ILLUSTRATION	PART NO.	DESCRIPTION	APPLICATION	REMARKS
	**T58L-101-A**	Puller Attachment	Universal	Range = 5/8 to 2 5/8". Use with a slide hammer
	**T80T-4000-W**	Driver Handle	Universal, 3/4" dia. pilot	Used with bearing cup and seal replacers
	**T57L-500-B**	Bench Mounted Holding Fixture	Universal	
	**D80L-515-S**	Puller Screw	Use with D80L-943-A	5/8"-18 × 13 3/4 long
	**D80L-522-A**	Gear & Pulley Puller	Universal	Use with screw up to 1/2" diameter. Range = 2" to 7 3/4" wide
 	**D80L-625-A**	Shaft Protectors This set contains one each of the following:		

TOOL NO.	"A"	"B"	"C" (60°)	"D" (60°)
D80L-625-1	1 1/2"	3/4"	3/8"	7/16"
D80L-625-2	1 1/4"	3/4"	3/8"	3/8"
D80L-625-3	1"	3/4"	3/8"	5/16"
D80L-625-4	3/4"	3/4"	1/4"	1/4"
D80L-625-5	5/8"	5/8"	1/4"	1/4"
D80L-625-6	5/8"	5/8"	3/16"	3/16"

	**D80L-630-A**	This Step Plate Adapter Set contains one each of the following:		

Part Number	Dia. "A"	Dia. "B"
D80L-630-1	1"	3/4"
D80L-630-2	1 1/8"	7/8"
D80L-630-3	1 1/4"	1"
D80L-630-4	1 3/8"	1 1/8"
D80L-630-5	1 5/8"	1 1/4"
D80L-630-6	1 3/4"	1 3/8"
D80L-630-7	1 7/8"	1 1/2"
D80L-630-8	2"	1 5/8"
D80L-630-9	2 1/8"	1 3/4"
D80L-630-10	2 3/8"	1 7/8"
D80L-630-11	2 1/2"	2"

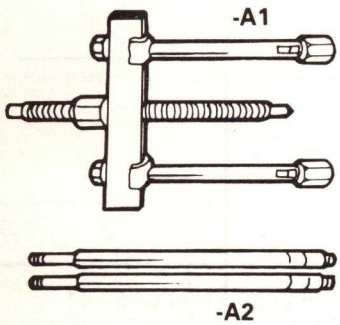
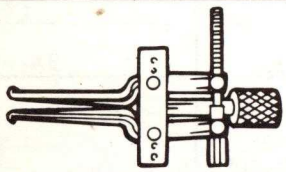
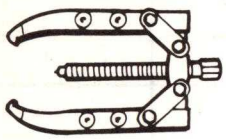
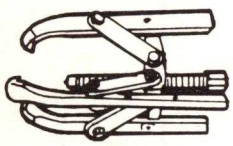
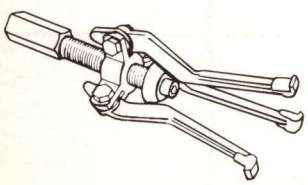
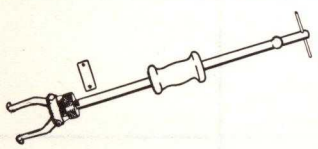
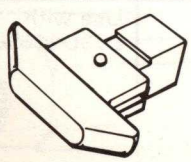
ILLUSTRATION	PART NO.	DESCRIPTION	APPLICATION	REMARKS
	D80L-916-A	Threaded Adapters (2)	Universal **End "A"** ½"-20 **End "B"** ⅝"-18	
	**D80L-927-A**	Push-Puller Set	Universal	Replaces T69L-1102-B
	D80L-927-A1	Push-Puller	10 Ton 8⅜" Reach	
	D80L-927-A2	Push-Puller Legs	Increase Reach of A1 to 13⅜"	
	D80L-938-A	Push-Puller Set	Universal	
	D80L-938-A1	Push-Puller	17 ton 11⅝" Reach	
	D80L-938-A2	Push-Puller Legs	Increase reach of A1 to 18⅝"	
	**D80L-943-A**	Puller-Internal	Universal	1½ to 7" Spread 5¼" Reach
	**D80L-1002-L**	2-Jaw Puller	Universal	7 Ton
	**D80L-1013-A**	2-3 Jaw Puller	Universal	13 Ton
	**T77F-1102-A**	Bearing Cup Puller	Universal	Replaces T69L-1102-A use with D80L-927-A or a slide hammer Replacement jaws are T77F-1102-AJ
	**D78P-1225-B**	Bearing Cup Puller	Universal	Range = 1¼" to 4¼". Includes 5 lb. slide hammer
	**D80L-100-X**	Axle Bearing Remover	Dana 60 1980 thru current F-250	Use with D80L-927-A

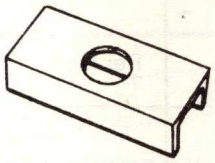
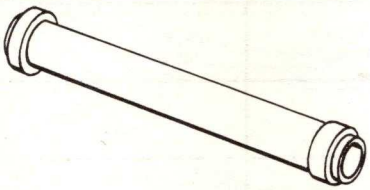
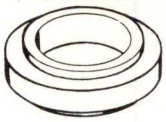
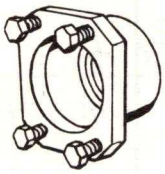
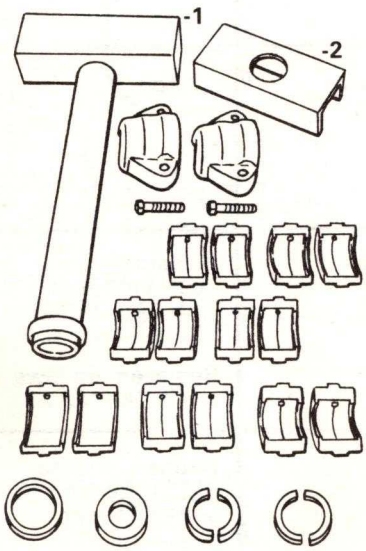
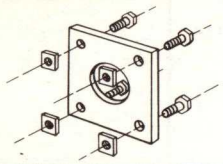
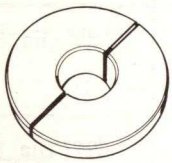
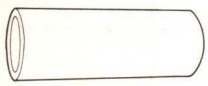
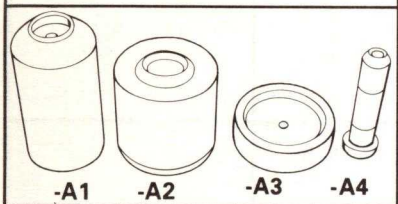
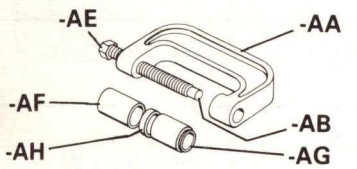
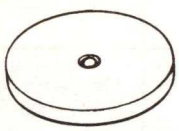
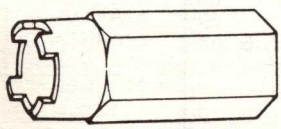
ILLUSTRATION	PART NO.	DESCRIPTION	APPLICATION	REMARKS
	T75L-1165-A	Axle Bearing/Seal Remover	74 thru current with 9" axle	Use with T75L-1165-B & -C
	**T75L-1165-B**	Axle Bearing/Seal Plate	Universal	
	**T75L-1165-C**	Axle Bearing/Seal Tube	Universal	
	**T75L-1165-DA**	Axle Bearing/Seal Replacer	74 thru current with 9" axle, 1.64 I.D.	Use with T75L-1165-B
	**T76P-1165-E**	Axle Bearing/Seal Remover	76 thru 79 with 9" axle having rear disc brakes except Versailles	
	**D79L-1165-A**	Rear Axle Bearing Service Set	Universal	
	D79L-1165-B	Rear Axle Bearing Service Set **Items 1 and 2 illustrated are not included in D79L-1165-B**	Use with T75L-1165-B & -C.	
Not Illustrated	**D79L-1165-C**	Storage Board		Use with D79L-1165-A or -B

ILLUSTRATION	PART NO.	DESCRIPTION	APPLICATION	REMARKS
	T72J-1225-A	Axle Shaft Bearing Remover	72 thru current Courier	Use with T75L-1165-C
	T80T-4000-M	Axle Bearing Remover	Dana 44 IFS & 50 IFS	Use with T80T-4000-L
	T80T-4000-N	Axle Bearing Replacer	Dana 44 IFS & 50 IFS	Use with T71P-4621-B
	T80T-3010-A	4WD Ball Joint Tool	Dana 44 IFS & 50 IFS	Use with D79T-3010-A
	D79T-3010-A	4 WD Ball Joint Set	Dana 44 front axle	
	T71T-3010-B	Bearing Cup & Seal Driver	Dana 44 front axle, $2^{13}/_{16}$ dia.	Use with T71T-3010-Q
	T71T-3010-C	Bearing Cup & Seal Driver	Dana 44 front axle, $2^{7}/_{8}$ dia.	Use with T71T-3010-Q
	T71T-3010-D	Bearing Cup & Seal Driver	Dana 44 front axle $2^{15}/_{16}$ dia.	Use with T71T-3010-Q
	T71T-3010-E	Bearing Cup & Seal Driver	Dana 44 front axle $3^{1}/_{16}$ dia.	Use with T71T-3010-Q
	T71T-3010-F	Bearing Cup & Seal Driver	Dana 44 front axle $3^{5}/_{8}$ dia.	Use with T71T-3010-Q
	T71T-3010-G	Spanner Socket	Dana 44 front axle	

DRIVING AXLES & DRIVESHAFTS

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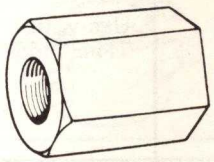
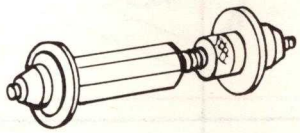
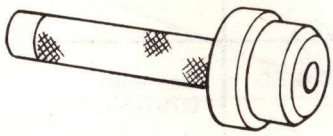
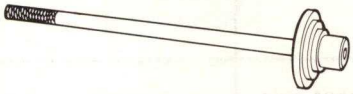
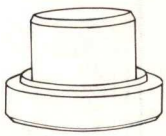
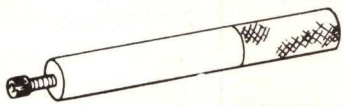
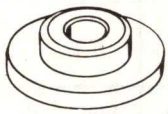
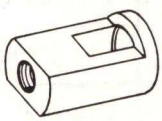
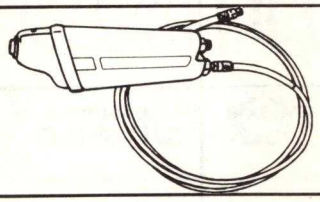
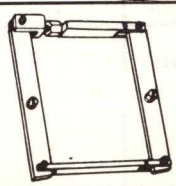
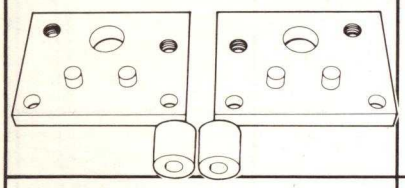
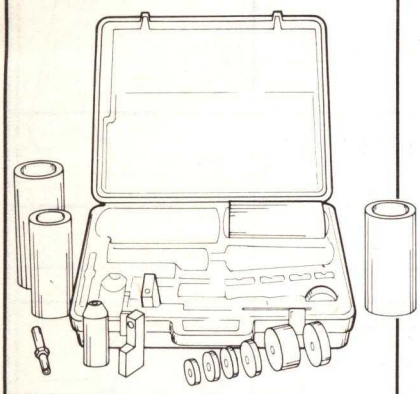
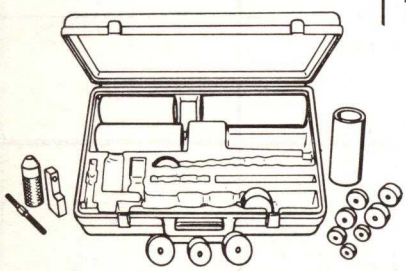
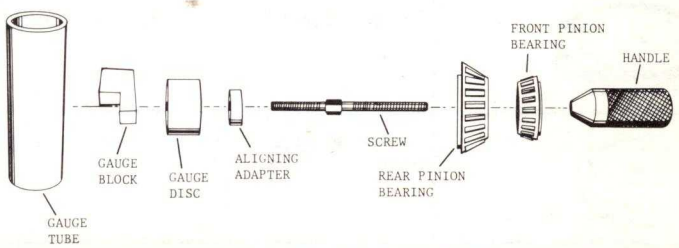
ILLUSTRATION	PART NO.	DESCRIPTION	APPLICATION	REMARKS
	T71T-3010-K	Installing Nut	Dana 44 front axle	
	D71T-3010-LB	Axle Tube Seals Replacers	Dana 44 front axle 1971 thru 77	2.288" Dia. Seals
	D80T-3010-LA	Axle Tube Seals Replacer	Dana 44 front axle 1978 thru 79	2.622" Dia. Seals
	T71T-3010-M	Needle Bearing Replacer	Dana 44 front axle	
	T80T-4000-H	Differential Axle Seal Replacer	Dana 44 IFS & 50 IFS	
	T80T-4000-R	Spindle Bearing Replacer	Dana 50 IFS	Use with T80T-4000-W
	T80T-4000-S	Spindle Bearing Replacer	Dana 44 IFS	Use with T80T-4000-W
	T71T-3010-Q	Handle	Dana 44 front axle	Use with T71T-3010-B thru -F.
	T77F-3169-A	Output Shaft Seal Replacer	78 thru current Fiesta	
	T77F-3617-A	Stub Shaft Remover	78 thru current Fiesta	Use with T50T-100-A
	D79L-4000-B	Sealant Dispenser	Universal	
	TOOL-4000-E	Differential Housing Spreader	Dana 27, 30, 44, 53, 60, & 70. Ford 6.75, 7.5 & 8.5	

ILLUSTRATION	PART NO.	DESCRIPTION	APPLICATION	REMARKS
	T78P-4000-A	Differential Housing Spreader Adapters	6.75, 7.5 & 8.5	Use with TOOL-4000-E
	**T80T-4000-B**	Differential Housing Spreader Adapters	Dana 44 IFS & 50 IFS	Use with TOOL-4000-E
	**T80T-4020-A**	Truck Pinion Depth Gauge	See chart below	

Part Number	Description	DANA MODEL NO. 30	44	50	60	70
T75P-4020-A2	Aligning Adapter (1.362 O.D.)		X	X		
T76P-4020-A3	Aligning Adapter (1.612 O.D.)	X			X	
T76P-4020-A9	Screw	X				
T76P-4020-A10	Gauge Block (1.700 Thick)	X				
T76P-4020-A11	Handle	X	X	X	X	X
T78P-4020-A15	Gauge Disc (.8942 Thick)				X	
T80T-4020-F40	Gauge Disc (.8057 Thick)			X		
T80T-4020-F41	Gauge Tube (3.251 O.D.)			X		
T80T-4020-F42	Gauge Block (2.1993 Thick)		X	X	X	X
T80T-4020-F43	Screw		X	X	X	X
D80T-4020-F44	Gauge Disc (.4782 Thick)	X	X			
D80T-4020-F45	Gauge Disc (1.2692 Thick)					X
D80T-4020-F46	Aligning Adapter (1.740 O.D.)					X
D80T-4020-F47	Gauge Tube (3.266 O.D.)		X			
D80T-4020-F48	Gauge Tube (3.8135 O.D.)				X	X
D80T-4020-F49	Gauge Tube (2.892 O.D.)	X				



T79P-4020-A Pinion Depth Gauge — See chart below



Part Number	Description	6.75″ 1971 Thru 1978	6.75″ 1979 Thru Current	7.25″ 1965 Thru 1970	7.50″ 1978 Thru Current	8.00″ 1965 Thru Current	8.50″ 1967 Thru 1969	8.70″ 1969 Thru 1978	8.50″ 1979 Thru Current	9.00″ 1960 Thru Current	Courier 1977 Thru Current
T76P-4020-A1	Aligning Adapter (1.300 O.D.)	X								X	
T75P-4020-A2	Aligning Adapter (1.362 O.D.)			X							X
T76P-4020-A3	Aligning Adapter (1.612 O.D.)				X		X	X	X		
T76P-4020-A4	Gauge Disc (.458 Thick)	X									
T75P-4020-A5	Gauge Disc (.6985 Thick)			X							
T76P-4020-A6	Gauge Disc (1.314 Thick)						X	X			
T76P-4020-A7	Gauge Tube (2.563 O.D.)	X		X							
T76P-4020-A9	Screw	X	X	X	X	X	X	X	X	X	X
T76P-4020-A10	Gauge Block (1.700 Thick)	X	X	X	X	X	X	X	X	X	X
T76P-4020-A11	Handle	X	X	X	X	X	X	X	X	X	X
T76P-4020-A12	Gauge Disc (.820 Thick)					X					X
T76P-4020-A13	Gauge Disc (1.189 Thick)									X	
T76P-4020-A14	Aligning Adapter (1.175 O.D.)					X					
T78P-4020-A15	Gauge Disc (.894 Thick)				X						
T79P-4020-A17	Gauge Disc (.2543 Thick)		X								
T79P-4020-A18	Gauge Disc (1.1884 Thick)								X		
T79P-4020-A19	Gauge Tube (3.0630 O.D.)								X		
T79P-4020-A20	Gauge Tube (3.148 O.D.)										X
T79P-4020-A21	Aligning Adapter (1.394 O.D.)		X								
D80T-4020-F49	Gauge Tube (2.892 O.D.)*		X		X	X	X	X		X	

*Replaces T79P-4020-A16

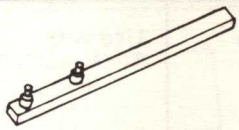
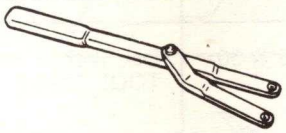
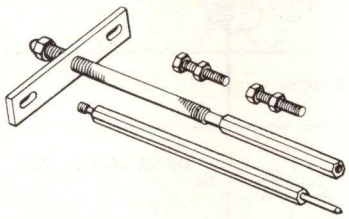
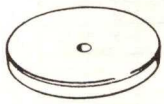
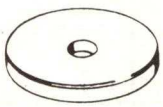
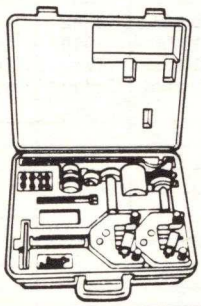
ILLUSTRATION	PART NO.	DESCRIPTION	APPLICATION	REMARKS
	**T72J-4067**	Differential Bearing Nut Wrench	72 thru current Courier	
	**T70P-4067-A**	Differential Bearing Nut Wrench	Universal except Courier	
	**T78P-4136-AB**	Carrier Adjustment Tool	6.75″, 7.5″ & 8.5″	
	**T78P-4136-B1**	Carrier Gauge Disc (.200)	6.75″ — 7.5″	
	T79P-4136-A2	Carrier Gauge Disc (.200)	8.5″	
	**T78P-4136-B2**	Carrier Gauge Disc (.300)	6.75″ & 7.5″	
	T79P-4136-A3	Carrier Gauge Disc (.300)	8.5″	
	T78P-4136-B3	Bearing Preload Disc	6.75″ & 7.5″	
	T79P-4136-A1	Bearing Preload Disc	8.5″	
	**T78P-4200-A**	This 7.5 Rear Axle Service Set contains one each of the following: **Part Number** — **Description** **T78P-1177-A** Axle Shaft Seal Replacer **T78P-1225-A** Axle Shaft Bearing Replacer **T78P-4000-A** Carrier Spreader Adapters **T78P-4136-AB** Carrier Adjustment Tool **T78P-4136-B1** Carrier Gauge Disc (.200) **T78P-4136-B2** Carrier Gauge Disc (.300) **T78P-4136-B3** Bearing Preload Disc **T78P-4851-A** Companion Flange Holder **T78P-5638-A** Suspension Bushing Set		
	T79P-4200-A	This 6.75 & 8.5 Rear Axle Service Set contains one each of the following: **Part Number** — **Description** **T79J-4676-A** Pinion Seal Replacer **T79P-1177-A** Axle Shaft Seal Replacer **T79P-4136-A1** Bearing Preload Disc **T79P-4136-A2** Carrier Gauge Disc (.200″) **T79P-4136-A3** Carrier Gauge Disc (.300″) **T79P-4220-A** Differential Bearing Cone Replacer **T79P-4676-A** Pinion Seal Replacer **T79P-5638-A** Suspension Bushing Set		

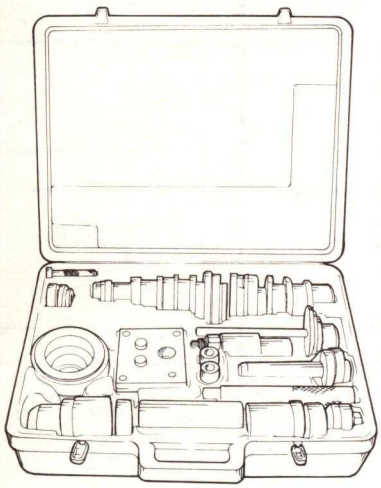
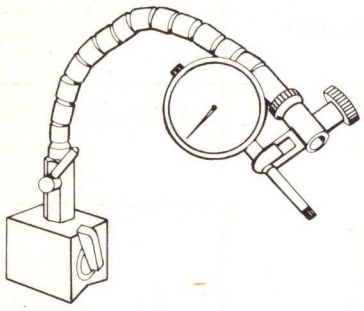
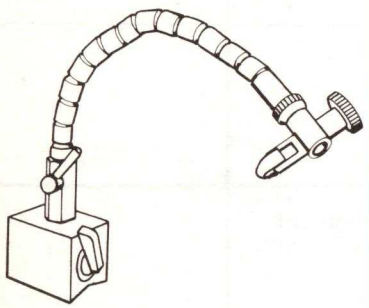
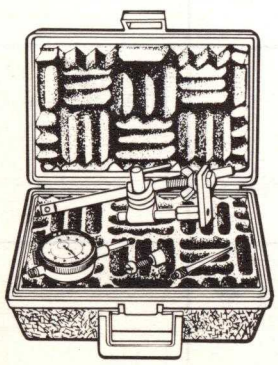
ILLUSTRATION	PART NO.	DESCRIPTION	APPLICATION	REMARKS
	**T80T-4000-A**	Front Axle Service Set This set contains one each of the following: **Tool Number** — **Description** **T80T-3010-A** Ball Joint Tool **T80T-3527-B** Sector Shaft Bearing Replacer **T80T-3527-C** Sector Shaft Seal Replacer **T80T-4000-B** Differential Housing Spreader Adapters **T80T-4000-C** Pinion Seal Replacer **T80T-4000-D** Pinion Bearing Cup Replacer **T80T-4000-E** Pinion Bearing Cup Replacer **T80T-4000-F** Pinion Bearing Cup Replacer **T80T-4000-G** Companion Flange Replacer **T80T-4000-H** Differential Axle Seal Replacer **T80T-4000-J** Differential Bearing Cone Replacer **T80T-4000-K** Differential Bearing Remover **T80T-4000-L** Sleeve **T80T-4000-M** Axle Bearing Remover **T80T-4000-N** Axle Bearing Replacer **T80T-4000-P** Hub Bearing Cup Replacer **T80T-4000-Q** Hub Bearing Cup Replacer **T80T-4000-R** Spindle Bearing Replacer **T80T-4000-S** Spindle Bearing Replacer **T80T-4000-T** Hub Seal Replacer **T80T-4000-U** Hub Seal Replacer **T80T-4000-W** Driver Handle **T80T-4000-X** Rear Axle Bearing Replacer **T80T-4000-Y** Rear Axle Seal Replacer **T80T-5638-A** Front Suspension Bushing Tool	Dana 44 IFS & 50 IFS	
	**D78P-4201-B**	Dial Indicator/Magnetic Base	Universal	
	**D78P-4201-C**	Magnetic Base/Flex Arm	Universal	
	**TOOL-4201-C**	Dial Indicator with Bracketry	Universal	

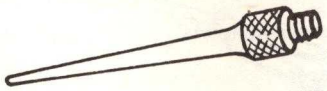
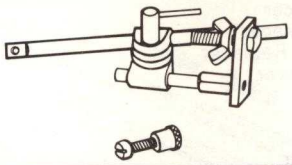
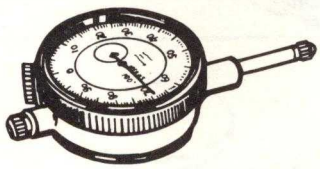
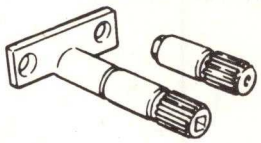
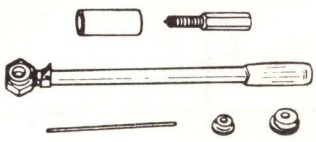
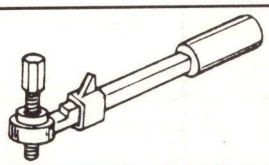
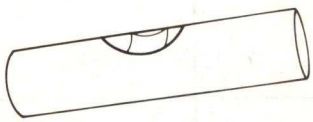
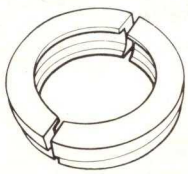
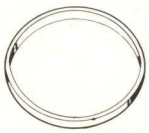
ILLUSTRATION	PART NO.	DESCRIPTION	APPLICATION	REMARKS
	TOOL-4201-D	Dial Indicator Tip ¼"	Universal	
	**TOOL-4201-E**	Dial Indicator Tip 2"	Universal	
	**T78P-4201-F**	Dial Indicator Bracketry	Universal	
	**T78P-4201-G**	Dial Indicator 1" Travel	Universal	
	**T59L-4204-A**	Traction-Lok Torque Tool	8" 65-77. 9" thru current	28 Splines
	T66L-4204-A	Traction-Lok Torque Tool	9.38 66-72. 9" 65 thru current	31 Splines
	**T71T-4205-A**	Limited - Slip Differential Tool	Dana 60	
	**T72T-4205-B**	Limited - Slip Differential Tool	Dana 44	
	**T80P-4205-A**	Gear Rotator	8.5" Traction-Lok 1980 thru Current	
	**T80T-4000-K**	Differential Side Bearing Remover	Dana 50 IFS	Use with D79L-4621-A
	**T80T-4000-L**	Retainer Sleeve	Use with T80T-4000-K & -M	

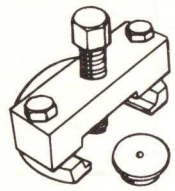
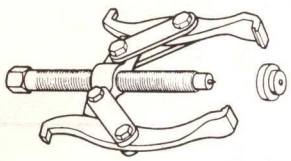
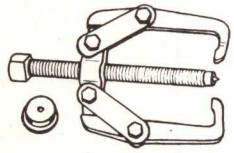
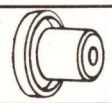
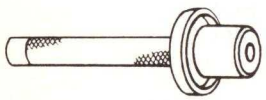
ILLUSTRATION	PART NO.	DESCRIPTION	APPLICATION	REMARKS
	T57L-4220-A	Differential Side Bearing Remover	6.75″ 79-current, 7.50″ 78-current, 8.00″ 65-current, 8.50″ 67-69, 8.70″ 69-78, 9.00″ 60-current	
	T66P-4220-A	Differential Side Bearing Remover	8.5″ 79 thru current. 9.375 65 thru 72.	
	T77F-4220-B	Differential Side Bearing Remover	78 thru current Fiesta	
	T70P-4221-A	Differential Side Bearing Remover	6.75″ 71-78, 7.25″ 65-70, Capri 70-77	Replacement jaws are T70P-4221-AB
	T80T-4000-J	Differential Side Bearing Replacer	Dana 50 IFS	
	T57L-4221-A1	Differential Side Bearing Replacer	7.5″ 78 thru current. 8.0″ 65 thru current	
	T57L-4221-A2	Differential Side Bearing Replacer	8.5″, 8.7″ & 9.0″	
	T70P-4128	Differential Side Bearing Replacer	7.25″ 65 thru 70. 70 thru 77 Capri	
	T79P-4220-A	Differential Side Bearing Replacer	6.75″ 79 thru current	
	T72J-4221	Differential Side Bearing Replacer	9.375″ 65-72. Courier 72 thru current	
	T53T-4221-C	Differential Side Bearing Replacer	Dana 60	
	TOOL-4222-L	Differential Side Bearing Replacer	6.75″ 71-78	

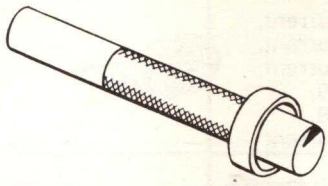
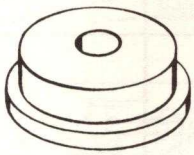
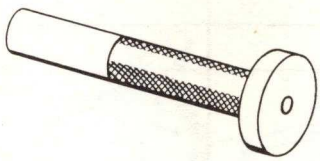
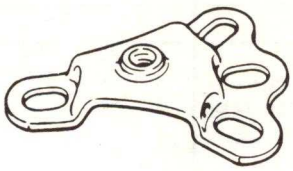
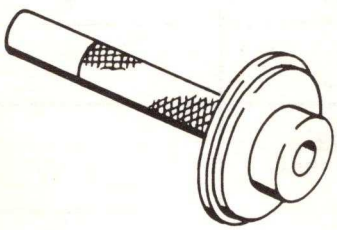
ILLUSTRATION	PART NO.	DESCRIPTION	APPLICATION	REMARKS
	**T77F-4220-A**	Differential Side Bearing Replacer	78 thru current Fiesta	
	**T77F-4222-A**	Differential Bearing Cup Replacer	78 thru current Fiesta	
	**T77F-4222-B**	Differential Bearing Cup Remover	78 thru current Fiesta	
	**T66L-4234-A**	Axle Shaft Puller Adapter	Fits over 3″ hub 4.5-5.5 B.C.	Use with D79P-100-A
	T71P-4234-A	Axle Shaft Puller Adapter	Fits over 2½ hub. 4.125-5.5 B.C.	Use with D79P-100-A
	**T79P-1177-A**	Axle Tube Seal Replacer	6.75″ 79 thru current	
	T78P-1177-A	Axle Tube Seal Replacer	7.5″ 78 thru current. 8.5″ 79 thru current.	
	T72J-1177	Bearing Housing Seal Replacer	72 thru current Courier 429 & 460 front cover seal	Axle Bearing Housing replaces T68P-6700-A
	T72J-4245	Axle Tube Seal Replacer	72 thru current Courier	

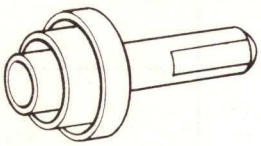
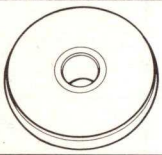
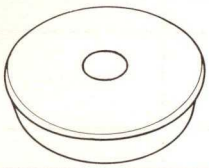
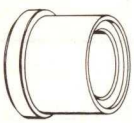
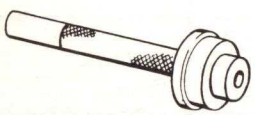
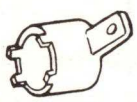
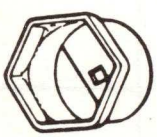
ILLUSTRATION	PART NO.	DESCRIPTION	APPLICATION	REMARKS
	T73L-1177-C	Axle Tube Seal Replacer	9.375" 65-72. 9.0" 65 thru current	
	T72P-4245-A	Axle Tube Seal Replacer	8.0" 65 thru current.	
	T80T-4000-Y	Rear Axle Seal Replacer	Dana 60 Semi-float F-250 & F-350 1980 thru current	Use with T80T-4000-W
	T80T-4000-X	Rear Axle Bearing Replacer	Dana 60 Semi-float F-250 & F-350 1980 thru current	Use with T80T-4000-W or D80L-100-X, D80L-916-A & D80L-927-A
	T72J-4252-A	Axle Shaft Bearing Cone Replacer	72 thru current Courier	
	T72J-4252-B	Axle Bearing Cup Replacer	72 thru current Courier	
	T78P-1225-A	Axle Tube Bearing Replacer	7.5" & 8.5"	
	T72J-4252	Axle Bearing Locknut Wrench	72 thru current Courier	
	T70T-4252-A	2 3/32 Hex Locknut Wrench	As Applies	
	T70T-4252-B	2 3/8 Hex Locknut Wrench	As Applies	
	T70T-4252-C	2 3/8 Oct Locknut Wrench	As Applies	
	T70T-4252-D	2 9/16 Hex Locknut Wrench	As Applies	
	T70T-4252-W	2 9/16 Hex Locknut Wrench	Rounded corner nut on Dana Axles	

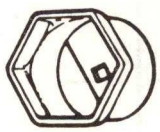
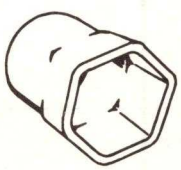
ILLUSTRATION	PART NO.	DESCRIPTION	APPLICATION	REMARKS
	T70T-4252-E	2 9/16 Oct Locknut Wrench	As Applies	
	T70T-4252-F	3 Hex Locknut Wrench	As Applies	
	T70T-4252-G	3 Oct Locknut Wrench	As Applies	
	T70T-4252-H	3 1/4 Hex Locknut Wrench	As Applies	
	T70T-4252-J	3 1/4 Oct Locknut Wrench	As Applies	
	T70T-4252-K	3 1/2 Hex Locknut Wrench	As Applies	
	T70T-4252-L	3 1/2 Oct Locknut Wrench	As Applies	
	T70T-4252-M	3 7/8 Hex Locknut Wrench	As Applies	
	T70T-4252-N	3 7/8 Oct Locknut Wrench	As Applies	
	T70T-4252-P	4 Hex Locknut Wrench	As Applies	
	T70T-4252-R	4 1/8 Hex Locknut Wrench	As Applies	
	T70T-4252-S	4 3/8 Hex Locknut Wrench	As Applies	
	T70T-4252-T	4 3/8 Oct Locknut Wrench	As Applies	
	T70T-4252-U	4 7/8 Hex Locknut Wrench	As Applies	
	T70T-4252-V	4 7/8 Oct Locknut Wrench	As Applies	
	D80T-4851-A	Truck Pinion Locknut Socket	2" Hex	
	D80T-4851-B	Truck Pinion Locknut Socket	2 1/8" Hex	
	D80T-4851-C	Truck Pinion Locknut Socket	2 1/4" Hex	

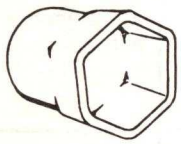
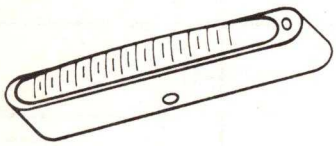
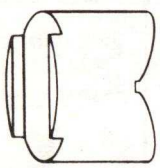
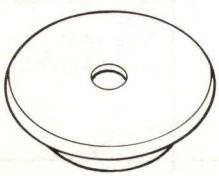
ILLUSTRATION	PART NO.	DESCRIPTION	APPLICATION	REMARKS
	**D80T-4851-D**	Truck Pinion Locknut Socket	2⅜" Hex	
	D80T-4851-E	Truck Pinion Locknut Socket	2½" Hex	
	D80T-4851-F	Truck Pinion Locknut Socket	2⅝" Hex	
	D80T-4851-G	Truck Pinion Locknut Socket	2¾" Hex	
	T68P-4602-A	Pinion Angle Level Gauge	Universal	
	**T68P-4602-AB**	Vial	Service part for T68P-4602-A	
	**T68P-4602-AC**	Magnet	Service part for T68P-4602-A	
	**T80T-4000-D**	Pinion Bearing Cup Replacer	Dana 44 IFS Inner Cup	Use with T80T-4000-W or T75T-1176-A
	T80T-4000-E	Pinion Bearing Cup Replacer	Dana 44 IFS & 50 IFS Outer Cup	Use with T80T-4000-W or T75T-1176-A
	T80T-4000-F	Pinion Bearing Cup Replacer	Dana 50 IFS Inner Cup	Use with T80T-4000-W or T75T-1176-A

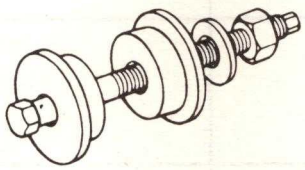
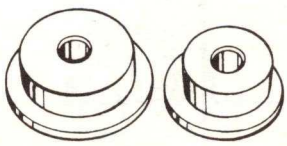
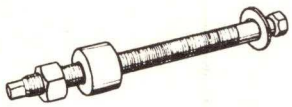
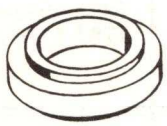
ILLUSTRATION	PART NO.	DESCRIPTION	APPLICATION	REMARKS
	T60K-4616-A	Pinion Bearing Cups Replacer	6.75" 79 thru current	Use T75T-1176-A as a replacement screw
	T67P-4616-A	Pinion Bearing Cups Replacer	7.5", 8.5" & 8.7"	Use T75T-1176-A as a replacement screw
	T71P-4616-A	Pinion Bearing Cups Replacer	6.75" 71 thru 78. Large driver for 9" & small driver for 8"	Use T75T-1176-A as a replacement screw. Use T73T-815-A on 8" & 9"
	T72J-4616	Pinion Bearing Cups Replacer	72 thru current Courier	
	T56T-4616-B	Pinion Bearing Cups Replacer	Dana 60 Rear Axle	Use with T75T-1176-A or T73T-815-A
	T75T-1176-A	Threaded Drawbar	Universal	
	T53T-4621-B	Pinion Bearing Cone Replacer	1.437 I.D. 6.75" 79 thru current	Use with T75L-1165-B
	T53T-4621-C	Pinion Bearing Cone Replacer	1.812 I.D. Dana 60 & 70	Use with T75L-1165-B
	T75L-1165-DA	Pinion Bearing Cone Replacer	1.64 I.D. 7.50", 8.50" & 8.70"	Use with T75L-1165-B
	T57L-4621-B	Pinion Bearing Cone Replacer	1.328 I.D. 6.75" 71-78. 9.00" 60 thru current	Use with T75L-1165-B

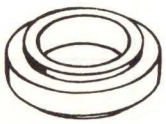
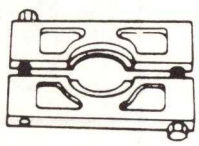
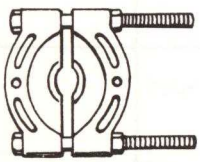
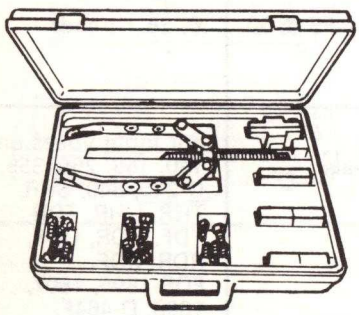
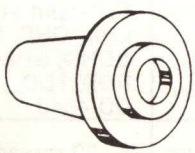
ILLUSTRATION	PART NO.	DESCRIPTION	APPLICATION	REMARKS
	T62F-4621-A	Pinion Bearing Cone Replacer	1.25 I.D. 8.0" 65 thru current	Use with T75L-1165-B
	T70P-4625	Pinion Bearing Cone Replacer	1.50 I.D. 70 thru 77 Capri	Use with T75L-1165-B
	T71P-4621-B	Pinion Bearing Cone Remover	All car lines	
	T72J-4630	Pinion Bearing Cone Remover	72 thru current Courier	
	D79L-4621-A	Pinion Bearing Cone Remover	Dana 44, 60 & 70	
	D79T-4635-A	Spicer U-Joint Tool	Used on 1600 thru 1800 series	
	T74P-4635-C	U-Joint Tool	All car lines	
	T80T-4000-C	Pinion Seal Replacer	Dana 44 IFS & 50 IFS	

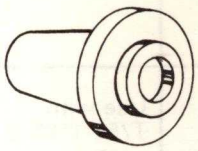
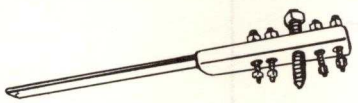
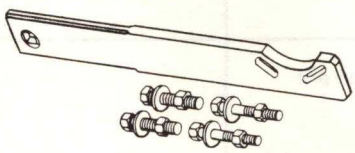
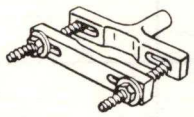
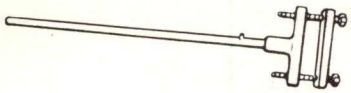
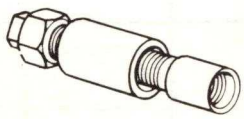
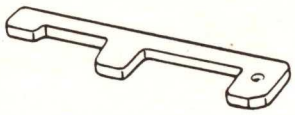
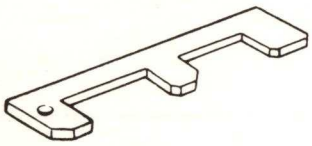
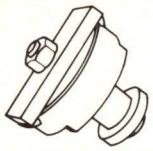
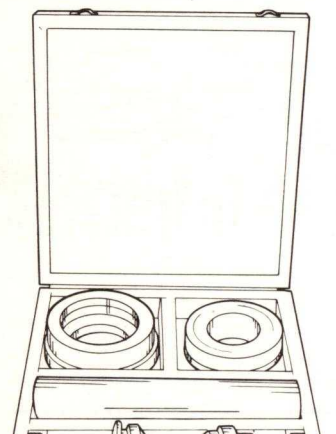
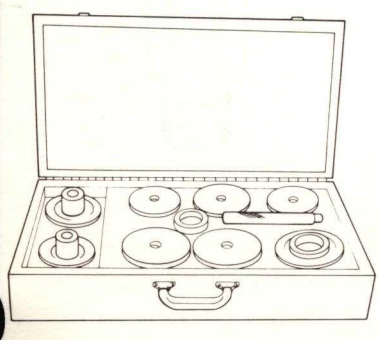
ILLUSTRATION	PART NO.	DESCRIPTION	APPLICATION	REMARKS
	T56T-4676-B	Pinion Seal Replacer	Dana 60 & 70 axles	
	T71T-3010-R	Pinion Seal Replacer	Dana 44	
	T79P-4676-A	Pinion Seal Replacer	All car lines	
	T79J-4676-A	Pinion Seal Replacer	72 thru current Courier	
	T65L-4851-B	Companion Flange Remover	Universal	Min. 2⅜ to 5" Max. Using ⅜ bolts
	T78P-4851-A	Companion Flange Holding Tool	All car lines	
	T57T-4851-B	Companion Flange Holding Tool	All trucks	Use with standard size pipe
	TOOL-4851-K	Companion Flange Holding Tool	Rectangular shaped car flanges	
	T80T-4000-G	Companion Flange Replacer	Dana 44 —FS & 50 IFS	¾-16 Threads
	D80T-4859-A	Differential Yoke Installing Tool	Rockwell Differentials	For input yokes on 140, 155, 255, 355, U-240, 340, SHR, THR, UHR, TDR, TDF, UDR, UDF, RDR, RDF, FDS-1805, 1807, 1808, D-464F, H-172, L172, L600, QHP and OAR. For output yokes on SHD, THD, UHD, TDD, RDD, DD-4640, TDF, RDF, UDD, UDF, D-4640-F and QHH
	D80T-4859-B	Differential Yoke Installing Tool	Rockwell Differentials	For input yokes on LHD, QHD, SLHD, SQHD, SHD, SHF, RDD, TDD, UDD and DD-4640.
	TOOL-4858-E	Companion Flange Replacer	All Ford built axles	¾-20 threads

ILLUSTRATION	PART NO.	DESCRIPTION	APPLICATION	REMARKS
	**T68P-4946-A**	Traction-Lok Clutch Gauge	8" & 9"	
	**T71P-4946-A**	Traction-Lok Clutch Gauge	9⅜ axles 65 thru 72	
	**T80P-4946-A**	Traction-Lok Clutch Gauge	8.5" 1980 thru current	
Not Illustrated	**D80T-4200-A**	2-Speed Rear Axle Service Set	17,500 & 18,500 Lb. Spicer/Dana	Consists of D80T-4020-R & D80T-4200-X
	**D80T-4020-R**	Pinion Depth Gauge Set	17,500 & 18,500 Lb. Spicer/Dana	

See chart below:

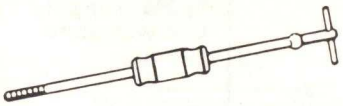
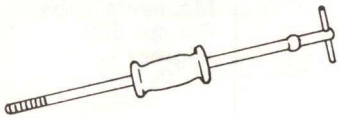
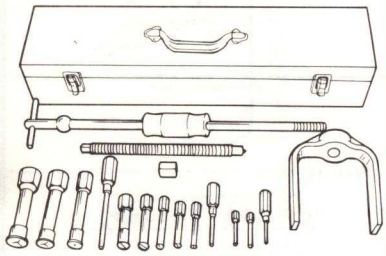
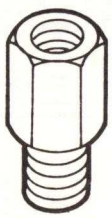
Tool Number	Description	Application 17.5	Application 18.5
T80T-4020-F42	Gauge Block	X	X
D80T-4020-R60	Aligning Adapter	X	
D80T-4020-R61	Gauge Tower	X	X
D80T-4020-R62	Gauge Disc		X
D80T-4020-R63	Aligning Adapter		X
D80T-4020-R64	Gauge Tube	X	X
D80T-4020-R65	Dummy Bearing		X
D80T-4020-R66	Dummy Bearing		X
D80T-4020-R67	Dummy Bearing	X	
D80T-4020-R68	Dummy Bearing	X	
D80T-4020-R69	Screw	X	X
D80T-4020-R70	Aligning Plate	X	X
D80T-4020-R71	Pinion Brg. Preload Spacer	X	X
D80T-4020-RB	Storage Box	X	X



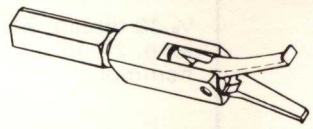
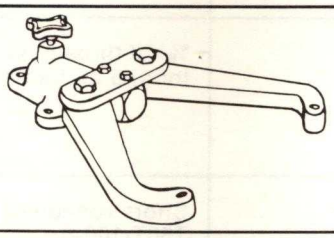
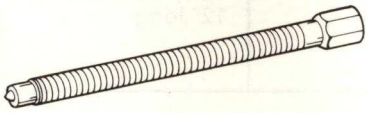
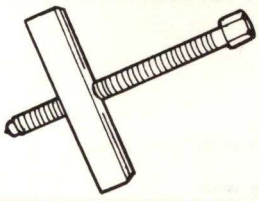
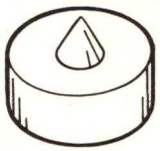
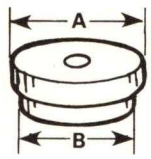
D80T-4200-X

This 17,500 & 18,000 Lb. Spicer 2-Speed Axle Service Set contains one each of the following:

Tool Number	Description	Application 17.5	Application 18.5
T80T-4000-W	Driver Handle	X	X
D80T-4200-B	Pinion Brg. Cone Replacer	X	
D80T-4200-C	Pinion Brg. Cup Replacer		X
D80T-4200-D	Pinion Brg. Cup Replacer	X	
D80T-4200-E	Diff. Brg. Cone Replacer	X	
D80T-4200-F	Diff. Brg. Cone Replacer		X
D80T-4200-G	Pinion Seal Replacer	X	X
D80T-4200-H	Bearing Cup Replacer	X	X
D80T-4200-J	Bearing Cup Replacer	X	
D80T-4200-K	Bearing Cup Replacer		X
D80T-4200-AB	Storage Box	X	X

ILLUSTRATION	PART NO.	DESCRIPTION	APPLICATION	REMARKS
	**T50T-100-A**	Impact Slide Hammer	Universal	5/8-18 thread, 24" long, 2½ lb. hammer
	**D79P-100-A**	Impact Slide Hammer	Universal	5/8-18 thread, 24" long, 5 lb. hammer
	T59L-100-B	Impact Slide Hammer	Universal	Short version of T50T-100-A 12" long
	**D80L-100-A**	This Blind Hole Puller Set contains one each of the following: **Part Number** — **Description** **D80L-100-B** Forcing Screw **D80L-100-C** Forcing Screw Nut **D80L-100-D** Hammer, 2½ Lb. **D80L-100-E** Shank and Tee Bar Assembly **D80L-100-F** Actuator Pin, 1/8" Dia., for use with collets -K & -L **D80L-100-G** Actuator Pin, 3/16" Dia. for use with collets -M thru -R **D80L-100-H** Actuator Pin, 1/2" Dia., for use with collets -S thru -U **D80L-100-J** Metal Box **D80L-100-K** Collet - 5/16" to 3/8" **D80L-100-L** Collet - 3/8" to 7/16" **D80L-100-M** Collet - 7/16" to 1/2" **D80L-100-N** Collet - 1/2" to 5/8" **D80L-100-P** Collet - 5/8" to 3/4" **D80L-100-Q** Collet - 3/4" to 7/8" **D80L-100-R** Collet - 7/8" to 1" **D80L-100-S** Collet - 1" to 1 1/4" **D80L-100-T** Collet - 1 1/4" to 1 1/2" **D80L-100-U** Collet - 1 1/2" to 1 3/4" **D80L-100-V** Bridge **D80L-100-W** Bridge Assembly (-B, -C & -V)		
		**Threaded Adapters**	Universal	Use with D80L-927-A or D80L-938-A

	FEMALE END	MALE END	LGTH.
D80L-209-M	5/8"-18	1/4"-20	2 1/4"
D80L-211-M	5/8"-18	5/16"-18	2 1/4"
D80L-212-M	5/8"-18	7/16"-14	2 1/4"
D80L-213-M	5/8"-18	7/16"-20	2 1/4"
D80L-214-M	5/8"-18	3/8"-24	2 1/4"
D80L-215-M	5/8"-18	3/8"-16	2 1/4"
D80L-216-M	5/8"-18	1/2"-20	2 1/4"
D80L-217-M	5/8"-18	1/2"-13	2 1/4"
D80L-218-M	5/8"-18	9/16"-18	2 1/4"
D80L-219-M	5/8"-18	9/16"-12	2 1/4"
D80L-220-M	5/8"-18	5/8"-11	2 1/4"
D80L-224-M	5/8"-18	3/4"-16	2 1/4"
D80L-225-M	5/8"-18	3/4"-10	2 1/4"
D80L-228-M	5/8"-18	7/8"-14	2 1/4"
D80L-229-M	5/8"-18	7/8"-9	2 1/4"
D80L-232-M	5/8"-18	1"-14	2 1/4"
D80L-237-M	5/8"-18	1/8" pipe	2 1/4"

ILLUSTRATION	PART NO.	DESCRIPTION	APPLICATION	REMARKS
	**T58L-101-A**	Puller Attachment	Universal	5/8-2 5/8" capacity. Use with slide hammer
	**T57L-500-B**	Bench Mounted Holding Fixture	Universal	Moveable arms. Rotates 360 degrees
	**D80L-515-S**	Puller Screw	Use with D80L-943-A	5/8"-18 × 13 3/4 long
	**D80L-522-A**	Gear & Pulley Puller	Universal	Use with screw up to 1/2" diameter. Range = 2" to 7 3/4" wide
	**D80L-625-A**	Shaft Protectors This set contains one each of the following:		
	**D80L-630-A**	This Step Plate Adapter Set contains one each of the following:		
	D80L-916-A	Threaded Adapters (2)	Universal	**End "A"** 1/2"-20 **End "B"** 5/8"-18

TOOL NO.	"A"	"B"	"C" (60°)	"D" (60°)
D80L-625-1	1 1/2"	3/4"	3/8"	7/16"
D80L-625-2	1 1/4"	3/4"	3/8"	3/8"
D80L-625-3	1"	3/4"	3/8"	5/16"
D80L-625-4	3/4"	3/4"	1/4"	1/4"
D80L-625-5	5/8"	5/8"	1/4"	1/4"
D80L-625-6	5/8"	5/8"	3/16"	3/16"

Part Number	Dia. "A"	Dia. "B"
D80L-630-1	1"	3/4"
D80L-630-2	1 1/8"	7/8"
D80L-630-3	1 1/4"	1"
D80L-630-4	1 3/8"	1 1/8"
D80L-630-5	1 5/8"	1 1/4"
D80L-630-6	1 3/4"	1 3/8"
D80L-630-7	1 7/8"	1 1/2"
D80L-630-8	2"	1 5/8"
D80L-630-9	2 1/8"	1 3/4"
D80L-630-10	2 3/8"	1 7/8"
D80L-630-11	2 1/2"	2"

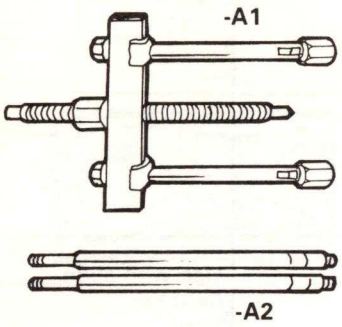
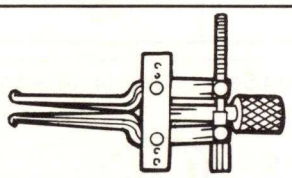
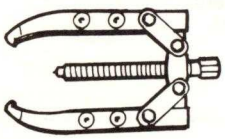
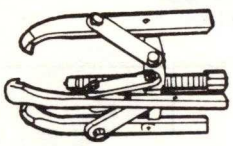
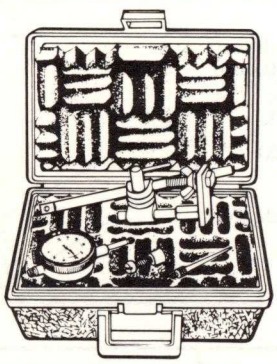
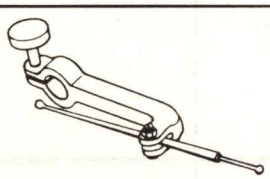
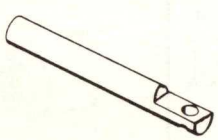
ILLUSTRATION	PART NO.	DESCRIPTION	APPLICATION	REMARKS
	D80L-927-A	Push-Puller Set	Universal	Replaces T69L-1102-B
	D80L-927-A1	Push-Puller	10 Ton 8⅜" reach	
	D80L-927-A2	Push-Puller Legs	Increase reach of A1 to 13⅜"	
	D80L-938-A	Push-Puller Set	Universal	
	D80L-938-A1	Push-Puller	17 Ton 11⅝" reach	
	D80L-938-A2	Push-Puller Legs	Increase reach of -A1 to 18⅝"	
	D80L-943-A	Puller-Internal	Universal	1½ to 7" spread 5¼" reach
	D80L-1002-L	2-Jaw Puller	Universal	7 Ton
	D80L-1013-A	2-3 Jaw Puller	Universal	13 Ton
	TOOL-4201-C	Dial Indicator with Bracketry	Universal	
	T75L-4201-A	Clutch Housing Alignment Adapter	Universal	Use with TOOL-4201-C for right angle measurements
	T75L-4201-B	Clutch Housing Alignment Adapter	Universal	Use when access is a problem

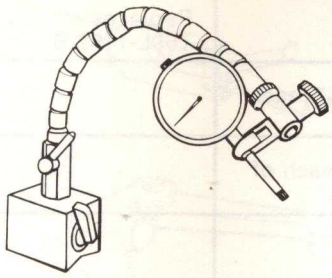
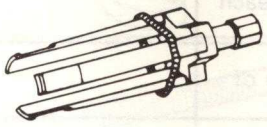
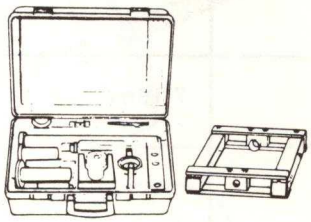
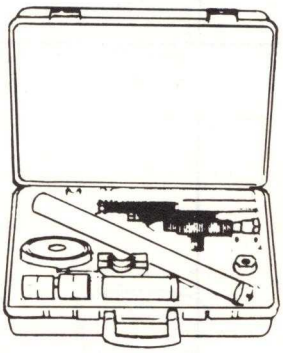
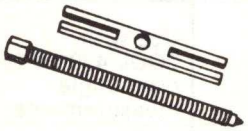
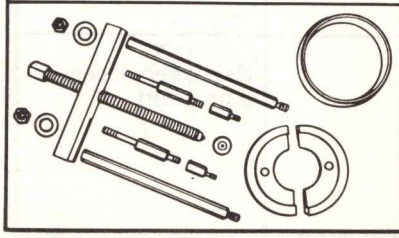
ILLUSTRATION	PART NO.	DESCRIPTION	APPLICATION	REMARKS
	D78P-4201-B	Dial Indicator with Base	Universal	Magnetic base and flexible stem
	TOOL-1175-AC	Seal Remover	Universal	Use with slide hammer
	T77J-7025-A	This Courier 5 Speed Manual Transmission Service Set contains one each of: **Tool Number** — **Description** **T77J-7025-B** Remover & Replacer Tube 5½" **T77J-7025-C** Lock Nut Wrench **T77J-7025-D** Bench Holding Fixture Adapters **T77J-7025-E** Synchronizer Ring Holder and Countershaft Spacer **T77J-7025-F** Staking Tool **T77J-7025-G** Bell Housing Seal Replacer **T77J-7025-H** Bearing Puller **T77J-7025-J** Puller Ring **T77J-7025-K** Center Bearings Replacer **T77J-7025-L** Countershaft Front Bearing Replacer **T77J-7025-M** Main Shaft Front Bearing Replacer **T77J-7025-N** Adjustable Press Frame		
	T77L-7025-L	This Manual Transmission Bearing Service Set contains one each of: **Tool Number** — **Description** **T75L-7025-B** Remover & Replacer Tube (Short) **T75L-7025-C** Remover & Replacer Tube (Long) **T75L-7025-D** Bearing Collet (Car-Large) **T75L-7025-E** Bearing Collet (Car-Small) **T75L-7025-G** Bearing Collet Sleeve (Car) **T75L-7025-H** Bearing Collet Sleeve (Truck) **T75L-7025-J** Remover-Forcing Screw **T75L-7025-K** Replacer-Shaft Sleeve **T75L-7025-L** Replacer-Threaded Shaft Adapter **T75L-7025-P** Replacer-Shaft Collar **T77L-7025-A** Bearing Collet **T77L-7025-B** Dummy Bearing **T77L-7025-C** Bearing Replacer Tube **T77L-7025-D** Shaft Clamp	RAD, RUG, RAN, RUG-BP	
	D79T-7025-B	Output shaft yoke remover	Spicer 1600 thru 1800 series end yokes	
	D79T-7025-A	Transmission Bearing Service Set	Fuller 910-913 & 915 Transmission; also, 1600 thru 1800 series end yokes	

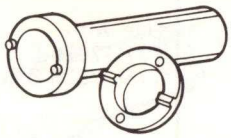
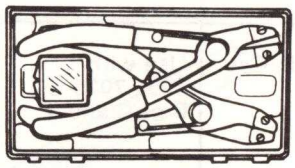
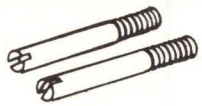
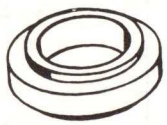
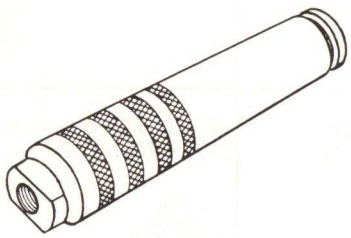
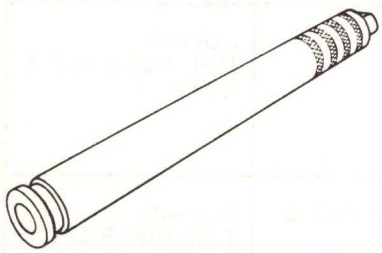
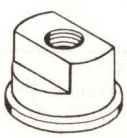
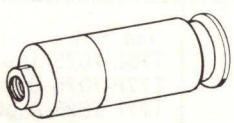
ILLUSTRATION	PART NO.	DESCRIPTION	APPLICATION	REMARKS
	D80T-7017-A	Transmission Input Shaft Tool	Fuller Transmissions with 1¾" & 2" input shafts	
	D79L-7000-A	Retaining Ring Pliers	Universal	Internal and external
	T72C-7007	Cover Plate Retaining Studs	2.6 & 2.8 Litre V-6	Aligns cover between block and bell housing
	T71P-7025-A	Output Shaft Bearing Replacer	1971 through current FIG and Universal	1.063" I.D. Use with T75L-1165-B
	T72J-7025	Mainshaft Bearing Cone Replacer	1972 to current Courier and Universal	.921" I.D. Use with T75L-1165-B
	T75L-7025-B	Remover/Replacer Tube (short)	RAD, RAN, T-18, RUG-BP	
	T75L-7025-C	Remover/Replacer Tube (long)	RAD, RUG, RAN, RUG-BP	Same as T75L-7025-B except for longer shafts
	T77F-7025-D	Bearing Remover Nut	1978 through current Fiesta	Use with T77F-7025-A, B, C, and J
	T77J-7025-B	Remover Tube — 5½"	Courier 5-speed	Use with T77J-7025-H & J and T75L-7025-J

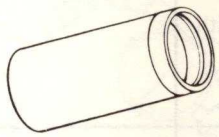
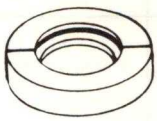
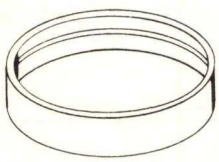
ILLUSTRATION	PART NO.	DESCRIPTION	APPLICATION	REMARKS
	**T77L-7025-C**	Bearing Replacer Tube	RUG-BP	Use with T77L-7025-D and T75L-7025-B & K
	**T75L-7025-D**	Bearing Collet	RUG, RUG-BP, Car large	Use with T75L-7025-G, B or C and J
	T75L-7025-E	Bearing Collet	RAD, RAN, RUG-BP, Car small	Use with T75L-7025-G, B, or C and J
	T75L-7025-F	Bearing Collet	T-18 Truck	Use with T75L-7025-B, H, & J
	T77F-7025-A	Bearing Collet	1978 through current Fiesta	2.677 O.D. Use with T77F-7025-C, F, & J
	T77F-7025-B	Bearing Collet	1978 through current Fiesta	2.440 O.D. Use with T77F-7025-C, F, & J
	T77L-7025-A	Bearing Collet	RUG-BP	Use with T75L-7025-B or C & G or H
	**T75L-7025-G**	Bearing Collet Sleeve	RAD, RUG, RAN & RUG-BP Car	Use with T75L-7025-B or C & D or E
	T75L-7025-H	Bearing Collet Sleeve	RUG-BP, T-18, Truck	Use with T75L-7025-B or C & F
	T77F-7025-C	Bearing Collet Sleeve	1978 through current Fiesta	Use with T75L-7025-J, T77F-7025-D and T77F-7025-A or B

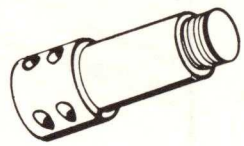
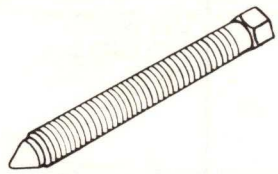
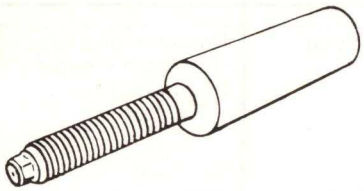
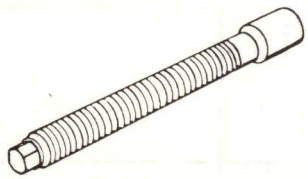
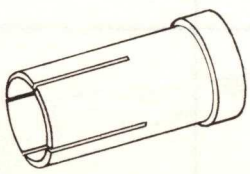
ILLUSTRATION	PART NO.	DESCRIPTION	APPLICATION	REMARKS
	**T77L-7025-D**	Shaft Clamp	RUG-BP 77 thru current T-18	Use with T77L-7025-C and T75L-7025-B & -K
	**T75L-7025-J**	Forcing Screw	Various Manual Transmissions	Used with remover/replacer tubes
	**T75L-7025-K**	Shaft Sleeve — Replacing	RAD, RUG, RAN, T-18, RUG-BP	Used with T75L-7025-B, -C, -M, -N, -P, -R, & -S
	**T75L-7025-L**	Shaft Adapter — Replacing	RAN, T-18, RUG-BP	Used with T75L-7025-B
	T75L-7025-M	Shaft Collar	.960 I.D., RAD	Use with T75L-7025-K and -B or -C
	T75L-7025-N	Shaft Collar	.812 I.D., RAD	Use with T75L-7025-K and -B or -C
	T75L-7025-P	Shaft Collar	1.065 I.D., RUG, RAN, RUG-BP	Use with T75L-7025-K and -B or -C
	T75L-7025-R	Compression Collar	T-18 thru 1976	Used with T75L-7025-K and -S
	**T75L-7025-S**	Input Shaft Collet	T-18 thru 1976	Used with T75L-7025-K and -R

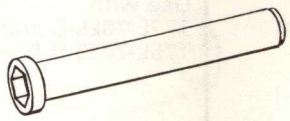
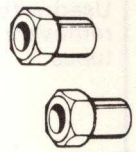
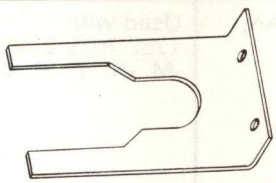
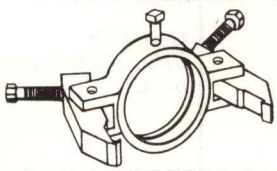
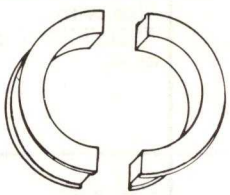
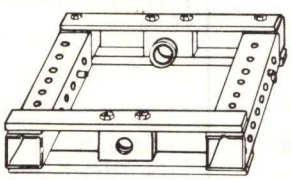
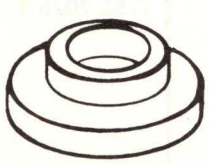
ILLUSTRATION	PART NO.	DESCRIPTION	APPLICATION	REMARKS
	**T77J-7025-C**	Mainshaft Lock Nut Wrench	Courier 5 speed	
	**T77J-7025-D**	Holding Fixture Adapters	Courier 5 speed	Use with T57L-500-B
	**T77J-7025-E**	Ring Holder/ Countershaft Spacer	Courier 5 speed	Prevents blocking ring from wedging on shaft
	T77J-7025-F	Mainshaft Locknut Staking Tool	Courier 5 speed	
	**T77J-7025-H**	Bearing Puller	Courier 5 speed	Use with T77J-7025-B & -J
	**T77J-7025-J**	Puller Ring	Courier 5 speed	Use with T77J-7025-H
	**T77J-7025-N**	Adjustable Press Frame	Courier 5 speed	
	T75L-7025-Q	Dummy Bearing	RAD, T-18	
	**T77L-7025-B**	Dummy Bearing	RUG-BP	

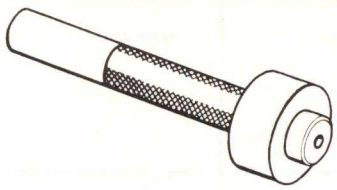
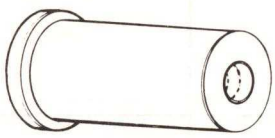
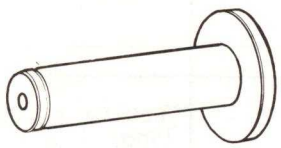
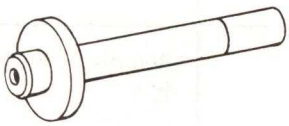
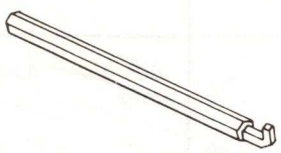
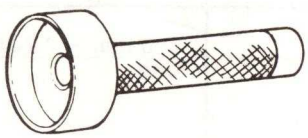
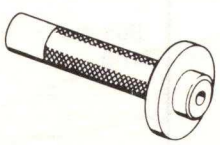
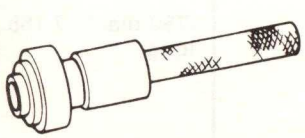
ILLUSTRATION	PART NO.	DESCRIPTION	APPLICATION	REMARKS
	T77F-7025-E	Output Shaft Bearing Replacer	1978 to current Fiesta	
	T77J-7025-K	Center Bearings Replacer	Courier 5 speed	Use with T77J-7025-N Contracts inner and outer races
	T77J-7025-L	Countershaft Front Bearing Replacer	Courier 5 speed	Use with T77J-7025-N, Contracts inner and outer races
	T77J-7025-M	Mainshaft Front Bearing Replacer	Courier 5 speed	Use with T77J-7025-N, Contracts inner and outer races
	T77J-7025-G	Bell Housing Seal Replacer	Courier 5 speed	
	T77F-7050-B	Input Shaft Seal Remover	1978 thru current Fiesta	Reaches into a notch in the case
	T71P-7050-A	Input Shaft Seal Replacer	RUG-BP	
	T77F-7050-A	Input Shaft Seal Replacer	1978 thru current Fiesta	
	T70P-7095	Extension Housing Seal/Bushing Replacer	FOB-4 speed, Pinto 1.6 litre	In vehicle

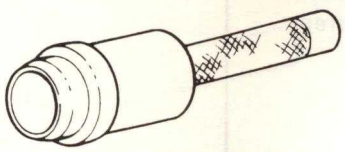
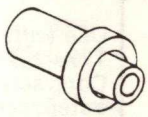
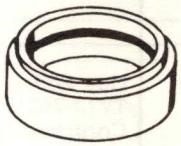
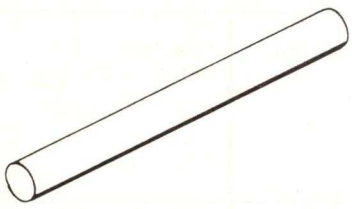
ILLUSTRATION	PART NO.	DESCRIPTION	APPLICATION	REMARKS
	T71P-7095-A	Extension Housing Seal Replacer	FIG-4 speed	In vehicle
	T72J-7095	Extension Housing Seal Replacer	Courier 4 & 5 speed	In vehicle
	T74P-7095-A	Extension Housing Bushing Replacer	RAD	Use with T71P-7095-A
	T63P-7111-A	Dummy Countershaft	RAB	.865 Dia. × 5.570 long
	T64P-7111-A	Dummy Countershaft	RUG-BP	.880 dia. × 8.865 long
	T63P-7111-B	Dummy Countershaft	RAN	.865 dia. × 5.070 long
	T63P-7111-C	Dummy Countershaft	As applies	.865 dia. × 4.670 long
	T71P-7111-A	Dummy Countershaft	As applies	.680 dia. × 7.143 long
	T74P-7111-A	Dummy Countershaft	RAD	.865 dia. × 7.935 long
	T74P-7111-B	Dummy Countershaft	FIG	.750 dia. × 7.165 long

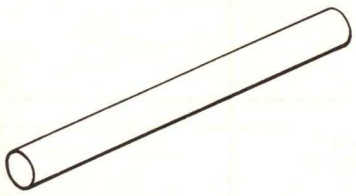
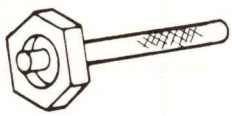
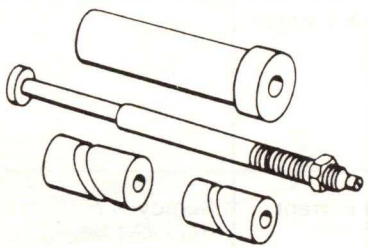
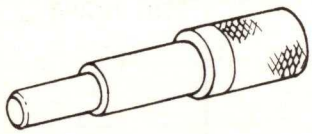
ILLUSTRATION	PART NO.	DESCRIPTION	APPLICATION	REMARKS
	**T70P-7113**	Dummy Countershaft	FOB	.680 dia. × 6.875 long
	T64P-7140-A	Dummy Countershaft	RAB, RAN	.740 dia. × 3.805 long
	T71P-7137-B	Pilot Bearing Replacer	FOB, FIG, 1.6 litre	Use with T71P-7137-H
	T71P-7137-C	Pilot Bearing Replacer	FIG, 2.0 litre	Use with T71P-7137-H
	**T72J-7137**	Pilot Bearing Replacer	Courier, 1.8 litre	
	T74P-7137-A	Pilot Bearing Replacer	2.8 litre, V-6	Use with T71P-7137-H
	**T75L-6392-A**	Clutch Housing Alignment Tool	Universal	Use with T75L-4201-A and B and TOOL-4201-C
	**T71P-7137-H**	Clutch Aligner	1971 to current, 2.0 and 2.3 litre engines	
	T72J-7137-H	Clutch Aligner	1972 to current Courier	

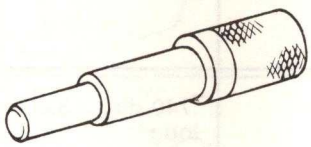
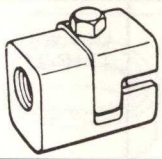
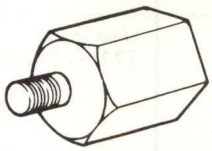
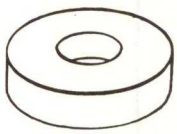
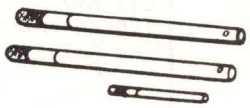
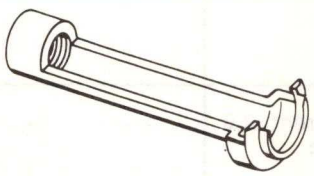
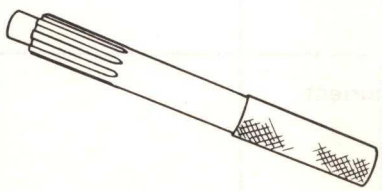
ILLUSTRATION	PART NO.	DESCRIPTION	APPLICATION	REMARKS
	T74P-7137-K	Clutch Aligner	RAD, Mustang, 2.8 litre, RAD, FIG, 2.3 litre	
	T77F-7137-A	Clutch Aligner	1978 through current Fiesta	
	T50T-7140-B	Reverse Idler Shaft Remover	Spicer & Fuller Transmissions	Use with slide hammer
	T71P-7140-A	Reverse Idler Shaft Remover	FIG, Pinto	Use with slide hammer
	T70P-7154	Snap Ring Thickness Gauge	FOB	
	T73T-7220-A	Shift Lever Retaining Cap Tool	NPG, 4 speed	
	T72J-7280	Dummy Shift Rails	Courier 4 & 5 speed	
	T77F-7288-A	Sector Shaft Seal Tool	1978 thru current Fiesta	Removes & Replaces Seal
	D79T-7550-A	Truck Clutch Alignment Shaft	1½" O.D., 10 Spline	Replaces T58T-7550-A
	D79T-7550-B	Truck Clutch Alignment Shaft	1¾" O.D., 10 Spline	Replaces T61T-7550-A

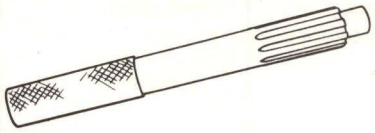
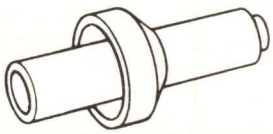
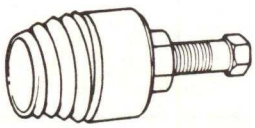
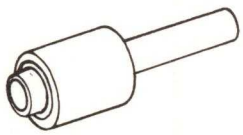
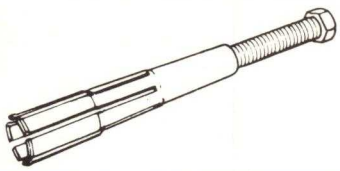
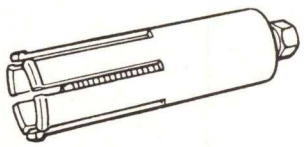
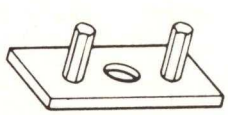
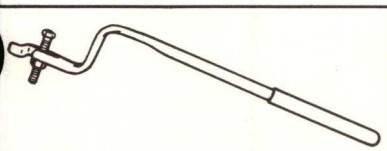
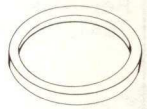
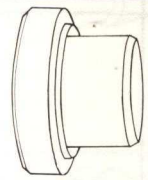
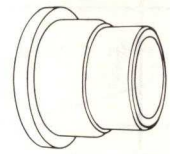
ILLUSTRATION	PART NO.	DESCRIPTION	APPLICATION	REMARKS
	**D79T-7550-C**	Truck Clutch Alignment Shaft	2" O.D., 10 Spline	Replaces T64T-7550-A
	**T61L-7657-A**	Extension Housing Seal Replacer	RUG-BP	
	**T71P-7657-A**	Extension Housing Seal Remover	FOB, FIG, RAD, RUG	In vehicle
	**T72J-7697-A**	Extension Housing Bushing Replacer	Courier, 4 & 5 speed	
	**T72J-7697**	Extension Housing Bushing Remover	Courier, 4 & 5 speed	In vehicle
	**T77L-7697-A**	Extension Housing Bushing Remover	RUG-BP, RAB, RAN	
	T77L-7697-E	Extension Housing Bushing Remover	RAD, FIG	In vehicle, Replaces T60K-7697-A
	T70P-7149	Extension Housing Bushing Remover	FOB	
	**T71P-17271-A**	Speedometer Drive Gear Installer	FIG, 1971 thru current Pinto	
	**D79T-7563-A**	Clutch Adjusting Tool	Spicer anglespring and multiple lever clutches	

ILLUSTRATION	PART NO.	DESCRIPTION	APPLICATION	REMARKS
	T80T-7127-A	Output Shaft Bearing Replacer	New Process Transfer Case #208	Front Shaft
	T80T-7127-B	Output Shaft Bearing Replacer	Borg-Warner Transfer Case #1345	Front Shaft
	T80T-7127-C	Output Shaft Bearing Replacer	Borg-Warner Transfer Case #1345	Rear Shaft

Description	Tool Number	AOT	C3	C4	C6	Car FMX	Courier JATCO	JATCO
Impact Slide Hammer	T50T-100-A		•	•	•	•		
Impact Slide Hammer	T59L-100-B						•	•
Puller Attachment	T58L-101-A			•	•			
Bench Mounted Holding Fixture	T57L-500-B		•	•		•	•	•
Air Nozzle Assembly	TOOL-7000-DE			•	•	•	•	•
Shift Linkage Insulator Tool	T67P-7341-A		•	•	•	•		
Output Shaft Retainer Pliers	T73P-77060-A			•	•	•		
Clutch Spring Compressor	T65L-77515-A	•	•	•	•	•	•	•
Pressure Gauge 0-400 P.S.I.	T57L-77820-A		•	•	•	•		
Front Pump Seal Remover	T74P-77248-A	•	•					
Seal Remover	TOOL-1175-AC			•	•	•		
Extension Housing Seal Remover	T71P-7657-A		•					
Front Pump Seal Replacer	T73J-77248						•	•
Front Pump Seal Replacer	T63L-77837-A	•		•	•	•		
Front Pump Seal Replacer	T74P-77248-B		•					
Extension Housing Seal Replacer	T64E-7052-A			•				
Extension Housing Seal Replacer	T72J-7095							•
Extension Housing Seal Replacer	T61L-7657-A	•		•			•	
Extension Housing Seal Replacer	T61L-7657-B				•	•		
Extension Housing Seal Replacer	T74P-77052-A		•					
Extension Housing Bushing Replacer	T72J-7697-A							•
Extension Housing Bushing Replacer	T80L-77034-A	•		•			•	
Extension Housing Bushing Replacer	T77L-7697-C				•	•		
Extension Housing Bushing Replacer	T77L-7697-F		•					
Extension Housing Bushing Remover	T72J-7697							•
Extension Housing Bushing Remover	T77L-7697-A	•		•				
Extension Housing Bushing Remover	T77L-7697-D				•	•	•	
Extension Housing Bushing Remover	T77L-7697-E		•					
Lip Seal Protector	T68P-7D158-A	•				•		
Lip Seal Protector	T74P-77404-A		•					
Lip Seal Protector	T74P-77548-A		•					
Lip Seal Protector	T74P-77548-B		•					
Lip Seal Protector	T77L-77548-A				•			
Lip Seal Protector	T78P-77548-A			•				
Converter Clutch Holding Tool	T77L-7902-A	•	•	•	•	•		
Converter Clutch Torquing Tool	T77L-7902-B		•					
Converter Clutch Torquing Tool	T76L-7902-C	•		•	•	•		
End Play Checking Tool	T76L-7902-D		•	•	•	•		
Dial Indicator With Bracketry	TOOL-4201-C		•	•	•	•	•	•
Band Adjustment Torque Wrench	T70P-7B200-A					•		
Band Locknut Wrench	T70P-7B200-B					•		
Band Adjustment Screw Wrench	T70P-7B200-C					•		
Band Adjustment Torque Wrench	TOOL-7225-BA					•		
Band Adjustment Torque Wrench Set	T71P-77370-A		•	•	•	•		
Band Adjustment Adapter	T74P-77285-A					•		
Front Pump Alignment Set	T74P-77103-X		•					
Pump Alignment Tool	T73J-77108						•	•
Shift Lever Seal Replacer	TOOL-77288			•	•	•		
Shift Lever Seal Replacer	T74P-77498-A	•	•					
Transmission Mounting Adapters	T74P-77001-A		•					
Transmission Mounting Adapters	T77J-77001-A						•	•
Clutch Housing Bushing Tool	T69L-7D044-A				•			
Stator Bushing Replacer	T70P-7D043-A			•				
Case Bolt Socket 5/16 Hex	T65P-7B456-B			•				
Transmission Bushing Set	T66L-7003-B			•				
Front Pump Bushing Replacer	T66L-7003-B9				•			
Transmission Bushing Set	T64L-7003-A					•		
Front Clutch Spring Compressor	TOOL-77565					•		
JATCO Service Set	T77J-77000-A						•	•
Front Pump Remover Adapters	T73J-77103						•	•
C3 Service Set	T74P-77000-A		•					
Front Servo Cover Compressor	T74P-77028-A		•					
Oil Cooler Line Wrench	T74P-77030-B		•					
Servo Rod Selecting Gauge	T74P-77190-A		•					
Overrunning Clutch Replacing Guide	T74P-77193-A		•					
Neutral Start Switch Socket	T74P-77247-A	•	•					
AOT Service Set	T80L-77000-A	•						

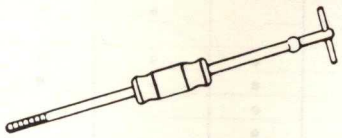
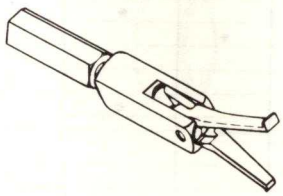
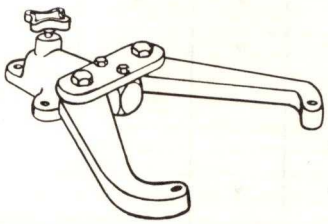
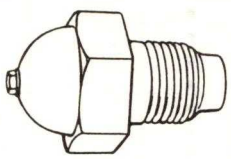
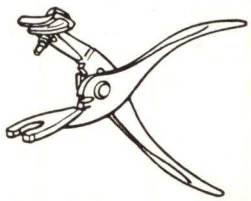
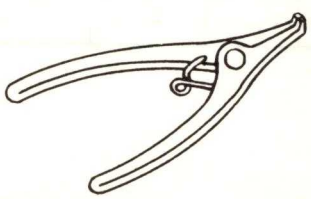
ILLUSTRATION	PART NO.	DESCRIPTION	APPLICATION	REMARKS
	T50T-100-A	Impact Slide Hammer	Universal	5/8-18 thread 2 1/2# hammer 24" long
	T59L-100-B	Impact Slide Hammer	Universal	5/8-18 thread 12" long
	T58L-101-A	Puller Attachment	Universal	Shift lever seal remover
	T57L-500-B	Bench Mounted Holding Fixture	Universal	Head rotates 360°
	TOOL-7000-DD	Rubber Tip for Air Nozzle	Universal	Allows sealing when applied to air passage
	TOOL-7000-DE	Air Nozzle Assembly	Universal	Allows sealing when applied to air passage
	T67P-7341-A	Shift Linkage Insulator Tool	C3, C4, C6, FMX	
	T73P-77060-A	Output Shaft Retainer Pliers	C4, C6, FMX	

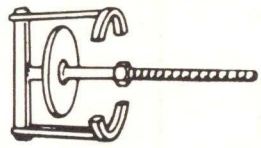
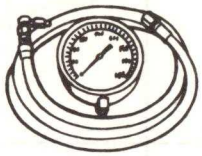
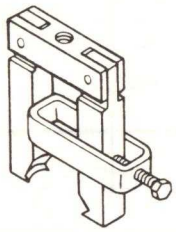
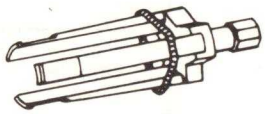
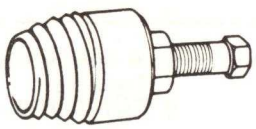
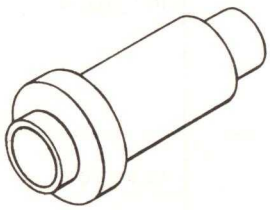
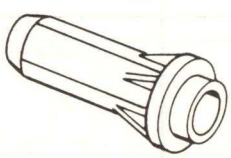
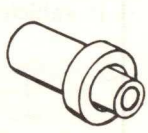
ILLUSTRATION	PART NO.	DESCRIPTION	APPLICATION	REMARKS
	**T65L-77515-A**	Clutch Spring Compressor	Universal	
	**T57L-77820-A**	Pressure Gauge 0-400 PSI	C3, C4, C6, FMX	85″ long hose with fitting
	**T74P-77248-A**	Seal Remover	C3 Front Pump AOT Extension Housing	Use with T50T-100-A
	**TOOL-1175-AC**	Seal Remover	C4 front, C6 front, FMX front	Use with T50T-100-A
	**T71P-7657-A**	Extension Housing Seal Remover	C3	
	**T73J-77248**	Front Pump Seal Replacer	Jatco	
	T63L-77837-A	Front Pump Seal Replacer	C4, C6, FMX, AOT	
	**T74P-77248-B**	Front Pump Seal Replacer	C3	
	**T64E-7052-A**	Extension Housing Seal Replacer	C4 in Econoline 64 thru 74	

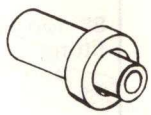
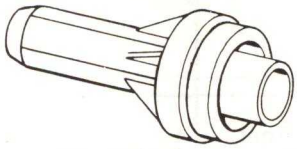
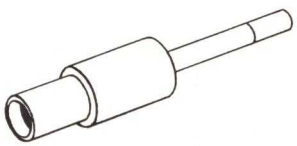
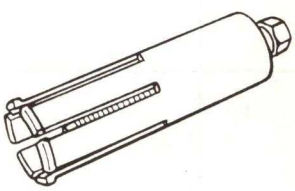
ILLUSTRATION	PART NO.	DESCRIPTION	APPLICATION	REMARKS
	T72J-7095	Extension Housing Seal Replacer	Courier Jatco	
	T61L-7657-A	Extension Housing Seal Replacer	C4, Car Jatco	
	T61L-7657-B	Extension Housing Seal Replacer	C6, FMX	
	T74P-77052-A	Extension Housing Seal Replacer	C3	
	T72J-7697-A	Extension Housing Bushing Replacer	Courier Jatco	In vehicle
	T80L-77034-A	Extension Housing Bushing Replacer	C4, Car Jatco AOT	In vehicle Replaces T77L-7697-B
	T77L-7697-C	Extension Housing Bushing Replacer	C6, FMX	In vehicle
	T77L-7697-F	Extension Housing Bushing Replacer	C3	In vehicle
	T72J-7697	Extension Housing Bushing Remover	Courier Jatco	In vehicle
	T77L-7697-A	Extension Housing Bushing Remover	C4, Car Jatco	In vehicle

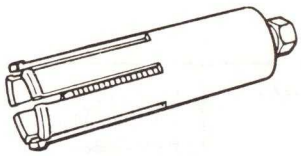
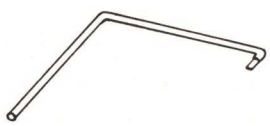
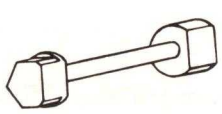
ILLUSTRATION	PART NO.	DESCRIPTION	APPLICATION	REMARKS
	**T77L-7697-D**	Extension Housing Bushing Remover	C6, FMX	In vehicle
	T77L-7697-E	Extension Housing Bushing Remover	C3	In vehicle
	T68P-7D158-A	Lip Seal Protector	FMX, Reverse Clutch AOT Forward Clutch	
	T74P-77404-A	Lip Seal Protector	C3 Intermediate Brake	
	T74P-77548-A	Lip Seal Protector	C3 Forward Clutch Inner	
	T74P-77548-B	Lip Seal Protector	C3 Forward Clutch Outer	
	T77L-77548-A	Lip Seal Protector	C6 Forward Clutch	
	T78P-77548-A	Lip Seal Protector	C4	
	**T77L-7902-A**	Converter Clutch Holding Tool	C3, C4, C6, FMX, AOT	
	**T77L-7902-B**	Converter Clutch Torquing Tool	C3	Use with T77L-7902-A

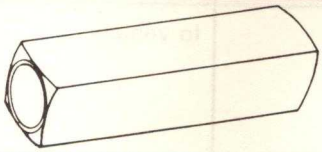
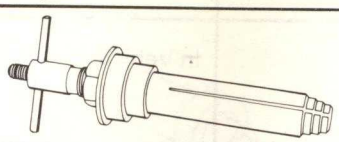
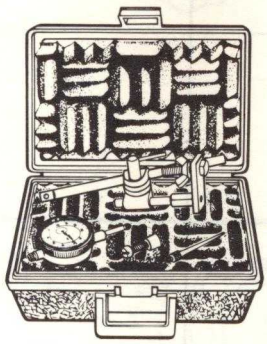
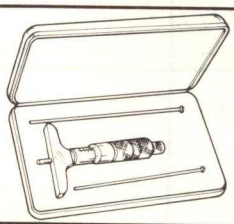
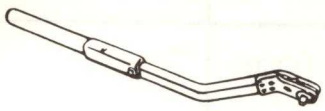
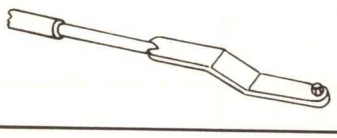
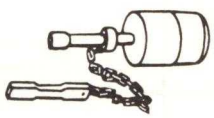
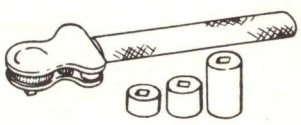
ILLUSTRATION	PART NO.	DESCRIPTION	APPLICATION	REMARKS
	**T76L-7902-C**	Converter Clutch Torquing Tool	C4, C6, FMX, AOT	Use with T77L-7902-A
	**T80L-7902-A**	End Play Checking Tool	C3, C4, C6, FMX AOT	Use with Tool-4201-C Replaces T76L-7902-D
	**TOOL-4201-C**	Dial Indicator with Bracketry	Universal	
	**D80P-4201-A**	Depth Micrometer	Universal	0-3″ Range
	**T70P-7B200-A**	Band Adjustment Torque Wrench	FMX Rear Band	Use with T70P-7B200-B
	T70P-7B200-B	Band Locknut Wrench	FMX Rear Band	Use with T70P-7B200 A & C
	**T70P-7B200-C**	Band Adjustment Screw Wrench	FMX Rear Band	**Must** be used to loosen adjustment screw
	**TOOL-7225-BA**	Band Adjustment Torque Wrench	FMX Front band	10 inch pounds
	**T71P-77370-A**	This Band Adjustment Torque Wrench Set contains one each of the following: **Part Number** — **Description** **T71P-77370-B** — Socket ½ Inch Long **T71P-77370-C** — Socket 1 Inch Long **T71P-77370-D** — Socket 2 Inches Long **T71P-77370-H** — Torque Wrench Handle This is used on the C3, C4, C6, & FMX transmissions and is set at 10 foot pounds. Individual pieces are available.		

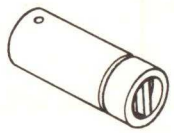
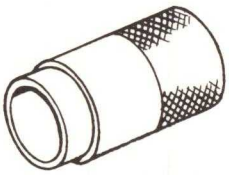
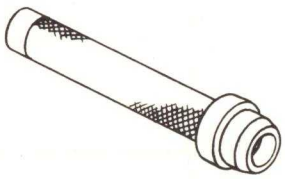
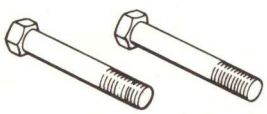
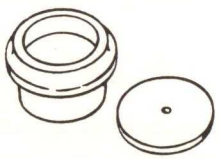
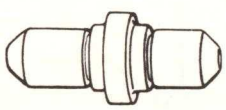
ILLUSTRATION	PART NO.	DESCRIPTION	APPLICATION	REMARKS
	**T74P-77285-A**	Band Adjustment Adapter	F Series Truck with FMX 74 thru 78	Use with T71P-77370-H
	T74P-77103-X	This Front Pump Alignment Set contains one each of the following: **Part Number** **Description** **T74P-77103-A** Gauge (1.2965) **T74P-77103-B** Gauge (1.2975) **T74P-77103-C** Gauge (1.2985) **T74P-77103-D** Gauge (1.2995) **T74P-77103-H** Pump Alignment Handle This is used on the C3 transmission and individual pieces are available.		
	**T73J-77108**	Pump Alignment Tool	Jatco	
	**TOOL-77288**	Shift Lever Seal Replacer	C4, C6, FMX	
	T74P-77498-A	Shift Lever Seal Replacer	C3, AOT	
	**T74P-77001-A**	Transmission Mounting Adapter	C3	
	T77J-77001-A	Transmission Mounting Adapter	Jatco	
	**T69L-7D044-A**	Clutch Housing Bushing Tool	C6 Rear Clutch	
	**T70P-7D043-A**	Stator Bushing Replacer	C4	Use chisel to remove bushing

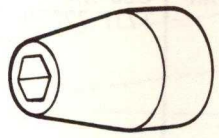
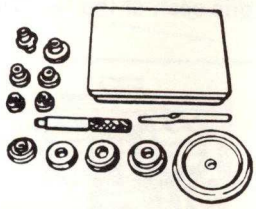
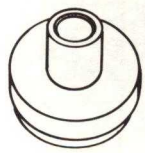
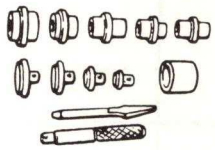
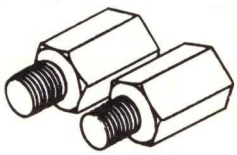
ILLUSTRATION	PART NO.	DESCRIPTION	APPLICATION	REMARKS
	**T65P-7B456-B**	Case Bolt Socket 5/16 HEX	C4 65 thru current	
	**T66L-7003-B**	Transmission Bushing Set	C4	
	**T66L-7003-B9**	Front Pump Bushing Replacer	C6	
	**T64L-7003-A**	Transmission Bushing Set	FMX	
	TOOL-77565	Front Clutch Spring Compressor	FMX	
	T77J-77000-A	This Jatco Service Set contains one each of the following: **Part Number** — **Description** **T77J-77001-A** — Transmission Mounting Adapters **T73J-77103** — Front Pump Remover Adapters **T73J-77108** — Pump Alignment Tool **T73J-77248** — Front Pump Seal Replacer		
	**T73J-77103**	Front Pump Remover Adapter	JATCO	Use with T59L-100-B

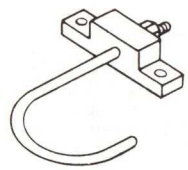
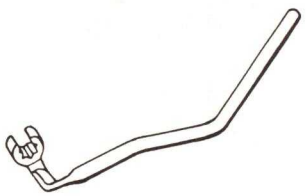
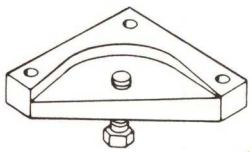
ILLUSTRATION	PART NO.	DESCRIPTION	APPLICATION	REMARKS
	T74P-77000-A	This C3 Service Set contains one each of the following: **Part Number** — **Description** **T74P-77001-A** Transmission Mounting Adapters **T74P-77028-A** Front Servo Cover Compressor **T74P-77030-B** Oil Cooler Line Wrench **T74P-77052-A** Extension Housing Seal Replacer **T74P-77103-A** Pump Aligning Gauge (1.2965) **T74P-77103-B** Pump Aligning Gauge (1.2975) **T74P-77103-C** Pump Aligning Gauge (1.2985) **T74P-77103-D** Pump Aligning Gauge (1.2995) **T74P-77103-H** Pump Aligning Handle **T74P-77190-A** Servo Rod Selecting Gauge **T74P-77193-A** Overrunning Clutch Replacing Guide **T74P-77247-A** Neutral Start Switch Socket **T74P-77248-A** Front Pump Seal Remover **T74P-77248-B** Front Pump Seal Replacer **T74P-77404-A** Lip Seal Protector **T74P-77498-A** Shift Lever Seal Replacer **T74P-77548-A** Lip Seal Protector **T74P-77548-B** Lip Seal Protector		
	**T74P-77028-A**	Front Servo Cover Compressor	C3	
	**T74P-77030-B**	Oil Cooler Line Wrench	C3	
	**T74P-77190-A**	Servo Rod Selecting Gauge	C3	Use with TOOL-4201-C
	T74P-77193-A	Overrunning Clutch Replacing Guide	C3	
	T74P-77247-A	Neutral Start Switch Socket	C3, AOT	**Not** to be used for any other purpose

ILLUSTRATION	PART NO.	DESCRIPTION	APPLICATION	REMARKS
	T80L-77000-A	This Automatic Overdrive Transmission (A.O.T.) Service Set contains one each of the following: **Tool Number** — **Description** **T80L-7902-A** End Play Checking Tool **T80L-77003-A** Gauge Bar **T80L-77005-A** Lip Seal Protector (Intermediate Clutch) **T80L-77030-A** Servo Piston Selection Tool **T80L-77030-B** Servo Piston Remover **T80L-77034-A** Extension Housing Bushing Replacer **T80L-77100-A** Valve Body Guide Pins **T80L-77103-A** Oil Pump Remover Adapters **T80L-77110-A** Case Rear Bushing Replacer **T80L-77140-A** Lip Seal Protector (Forward Clutch Inner) **T80L-77209-A** Sun Gear Bushing Replacer **T80L-77234-A** Lip Seal Protector (Direct Clutch Inner) **T80L-77254-A** Lip Seal Protector (Direct Clutch Outer) **T80L-77268-A** Oil Pump Bushing Replacer **T80L-77268-B** Oil Pump Bushing Remover **T80L-77403-A** Lip Seal Protector (Reverse Clutch Inner) **T80L-77403-B** Lip Seal Protector (Reverse Clutch Outer) **T80L-77405-A** Reverse Clutch Spring Compressor **T80L-77515-A** Clutch Spring Compressor Extension Individual tools are available		

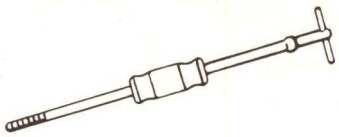
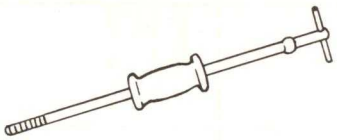
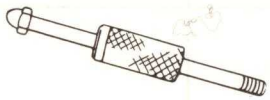
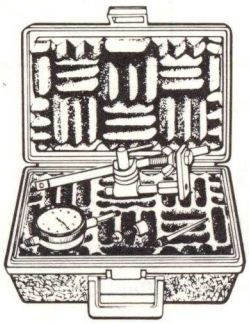
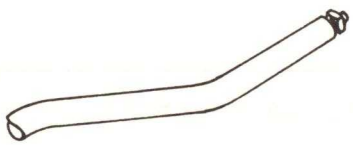
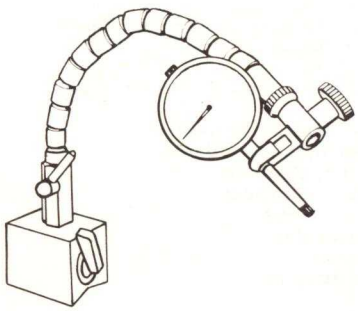
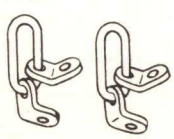
ILLUSTRATION	PART NO.	DESCRIPTION	APPLICATION	REMARKS
	**T50T-100-A**	Impact Slide Hammer	Universal	5/8-18 thread, 24" long, 2½ lb. hammer
	**D79P-100-A**	Impact Slide Hammer	Universal	5/8-18 thread, 24" long, 5 lb. hammer
	**T59L-100-B**	Impact Slide Hammer	Universal	12" long version of T50T-100A
	**TOOL-4201-C**	Dial Indicator with Bracketry	Universal	
	**T79L-4201-A**	Turbo Bearing Check Tool	2.3 Litre Turbo-charged engine	Check center bearing end play thru oil return. Use with TOOL-4201-C
	**D78P-4201-B**	Dial Indicator with Base	Universal	Magnetic base & flexible stem
	**T70P-6000**	Engine Lifting Brackets	Universal	

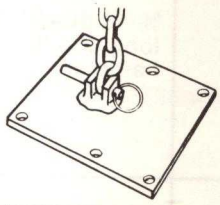
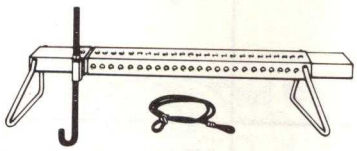
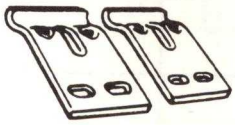
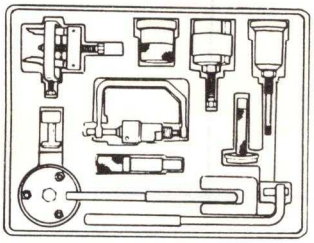
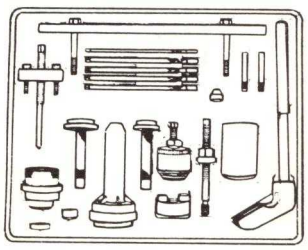
ILLUSTRATION	PART NO.	DESCRIPTION	APPLICATION	REMARKS
	T75T-6000-A	Engine Lifting Plate	1975 through current Econoline with 351-W or 460	
	D79P-6000-A	Engine Support Bar	Fiesta	
	T68E-6038-A	Engine Support Service Mounts	1965 through current Econoline	
	T74P-6000-LA	This 2.3L Engine Service Tool Kit contains one each of: **Tool Number** — **Description** **T74P-6015-A** Engine Plug Replacer (large) **T74P-6019-B** Front Cover Alignment Tool **T74P-6150-A** Camshaft & Auxiliary Shaft Oil Seal Replacer **T74P-6254-A** Camshaft Belt Tensioner Adjustment Tool **T74P-6256-B** Cam & Auxiliary Shaft Sprockets Removing & Holding Tool **T74P-6306-A** Crankshaft Timing Gear Remover & Replacer **T74P-6375-A** Flywheel Holding Tool **T74P-6700-B** Front Cover Seal Remover **T74P-7137-K** Clutch Aligner **T74P-9510-A** Carburetor Wrench Individual tools are available.		
	T74P-6000-V	This 2.8L V-6 Engine Service Tool Kit contains one each of: **Tool Number** — **Description** **T72C-6015** Cylinder Block Core Plug Remover **T72C-6085** Valve Guide Reamer Kit **T72C-6165** Crankshaft Rear Oil Seal Replacer **T72C-6250** Cam Bearing Remover and Replacer Adapter Tube **T72C-6266** Cam Bearing Bore Plug Replacer **T72C-7007** Cover Plate Retaining Studs **T74P-6019-A** Front Cover Aligner, Seal Replacer and Timing Gear Replacer **T74P-6135-A** Piston Pin Remover & Replacer/Adapter **T74P-6136-A** Crankshaft Timing Gear Remover/Adapter **T74P-6316-A** Crankshaft Damper Pulley Remover **T74P-6316-B** Crankshaft Damper Puller Replacer **T74P-6565-A** Valve Spring Compressor Lever **T74P-6565-B** Valve Spring Compressor Bar **T74P-6700-A** Front Cover Seal Remover **T74P-7137-A** Pilot Bearing Replacer Adapter Individual tools are available.		
	T64L-6011-EA	Cylinder Ridge Reamer	Universal	3-5″ capacity

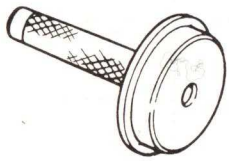
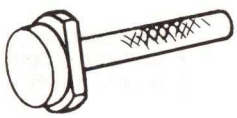
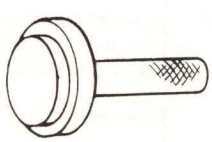
ILLUSTRATION	PART NO.	DESCRIPTION	APPLICATION	REMARKS
	T73L-6011-A	Engine Cylinder Hone Set	Universal	2-5½" capacity
		ENGINE CYLINDER HONE SET REPLACEMENT ABRASIVES For set T73L-6011-A T73L-6011-A1 Set of 3, 100 Grit Abrasives T73L-6011-A2 Set of 3, 220 Grit Abrasives T73L-6011-A3 Set of 3,400 Grit Abrasives		
	**T70P-6011-A**	Camshaft Bearing Plug Installer	1970-74 351-C Engine	
	T74P-6015-A	Engine Plug Replacer	2.3 Litre, 4 cylinder	Rear Engine Plug
	T72C-6015	Engine Plug Replacer	2.6 and 2.8 Litre V-6	
	**T72J-6015**	Engine Plug Replacer	Courier 1.8 Litre	
	T72J-6015-A	Engine Plug Replacer	Courier 1.8 Litre	
	T72J-6015-B	Engine Plug Replacer	Courier 1.8 Litre	
	**T72C-6266**	Cam Bearing Plug Replacer	2.6 and 2.8 Litre V-6	

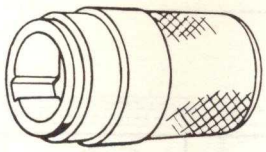
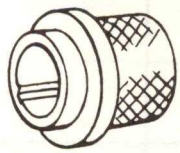
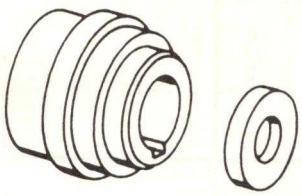
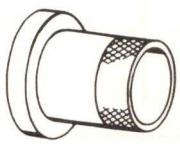
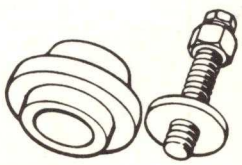
ILLUSTRATION	PART NO.	DESCRIPTION	APPLICATION	REMARKS
	T61K-6019-A	Front Cover Aligner	200 6 cylinder	
	T64T-6019-A	Front Cover Aligner	330, 360 & 390 Truck	
	T61P-6019-B	Front Cover Aligner	240, 250, 302, & 351-W	
	T68P-6019-A	Front Cover Aligner	429 & 460	
	T74P-6019-A	Front Cover Aligner	2.8 Litre V-6	Use with T74P-6316-B. Aligns cover-replaces seal & timing gear
	T74P-6019-B	Front Cover Aligner	2.3 Litre 4 cylinder	
	T77F-6019-A	Front Cover Aligner	1978 through current Fiesta	Replaces seal & front sprocket. Aligns cover
	T79T-6019-A	Front Cover Aligner	1979 through current 370 & 429 truck	Aligns cover & replaces seal
	T70P-6B070-A	Front Cover Seal Replacer	351-C, 351-M, 400 1979 thru current 302 & 351-W	On engine use screw. Off engine, use press.

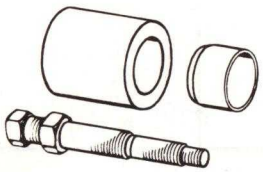
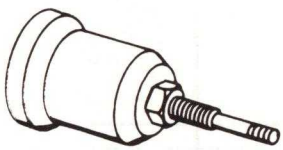
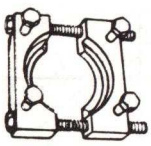
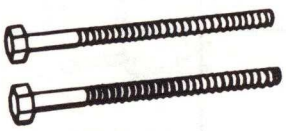
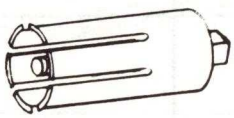
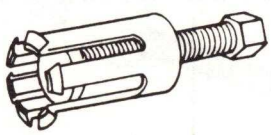
ILLUSTRATION	PART NO.	DESCRIPTION	APPLICATION	REMARKS
	T72J-6700-A	Front Cover Seal Replacer	Courier 1.8 Litre	
	**T71P-6150-BA**	Front Seals Replacer	1970-74 2.0 Litre	Replaces cam, crank & auxiliary shaft seals
	**T74P-6150-A**	Front Seals Replacer	2.3 Litre 4 cylinder	Replaces cam & auxiliary shaft seals. Crank seal with T74P-6306-A
	**T70P-6B070-B**	Front Cover Seal Remover	351-C, 351-M, 400	Cover on or off engine
	**T79T-6070-A**	Front Seal Remover Adapters	1979 through current 370 & 429 truck	Use with T70P-6B070-B
	**T71P-6150-A**	Oil Seal Remover	1970-74 2.0 Litre	Removes cam, crank & auxiliary seals with shafts in place
	**T72J-6700**	Front Cover Seal Remover	Courier 1.8 Litre	
	T74P-6700-A	Front Cover Seal Remover	2.8 Litre V-6	

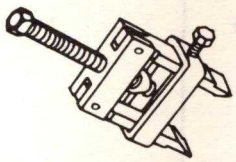
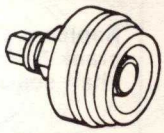
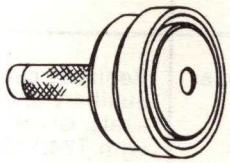
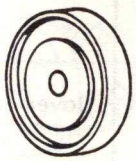
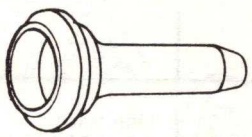
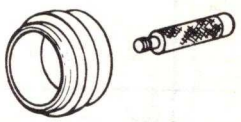
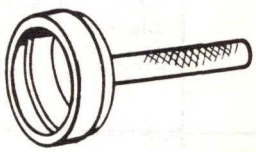
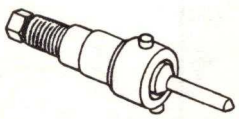
ILLUSTRATION	PART NO.	DESCRIPTION	APPLICATION	REMARKS
	T74P-6700-B	Front Cover Seal Remover	2.3 Litre 4 cylinder	
	T77F-6700-A	Front Cover Seal Remover	1978 through current Fiesta	
	T70P-6165	Rear Oil Seal Remover	1.6 Litre	Also aligns cover
	T70P-6165-A	Rear Oil Seal Replacer	1.6 Litre	
	T72C-6165	Rear Oil Seal Replacer	2.6 & 2.8 Litre V-6	
	T71P-6701-A	Rear Oil Seal Replacer	1970-74 2.0 Litre	
	T72J-6701	Rear Oil Seal Replacer	Courier 1.8 Litre	
	T65P-6701-A	Rear Oil Seal Replacer	300	
	T74P-6312-A	Crankshaft Damper Remover	2.3 Litre 4 cylinder	

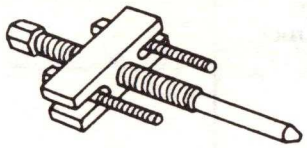
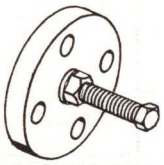
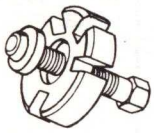
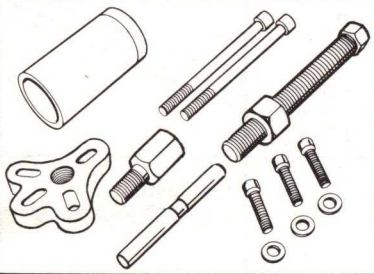
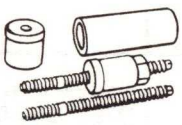
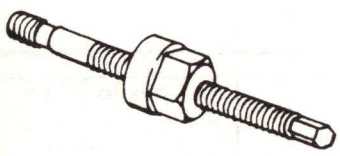
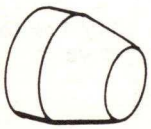
ILLUSTRATION	PART NO.	DESCRIPTION	APPLICATION	REMARKS
	**T74P-6316-A**	Crankshaft Damper Remover	2.8 Litre V-6	
	**T77J-6316-A**	Crankshaft Damper Remover	Courier 2.3 Litre	
	**T58P-6316-D**	Crankshaft Damper Remover	200, 250, 300, 302, 351, 400 & 460	Bolt circle dia. range = 2-3¾", ⅜" bolt max.
	**T79T-6316-A**	Damper Remover/ Replacer Tool	370, 429, 477 & 534	Bolt circle dia. range = 2⁵⁄₁₆-3½". See D79L-6250-A ½" bolt max. ¾-16 thread in crankshaft
	**T52L-6306-AEE**	Crankshaft Sprocket & Damper Replacer	200, 250, 300, 302, 351, 400 & 460	⁹⁄₁₆-18 and ⅝-18 thread in crankshaft
	T65L-6306-A	Camshaft Gear Replacing Adapter	240 & 300	Use with T52L-6306-AEE
	**T74P-6316-B**	Crankshaft Damper Replacer	2.8 Litre V-6	
	**T74P-6136-A**	Crankshaft Gear Remover Adapter	2.8 Litre V-6	Use with T71P-19703-B Puller

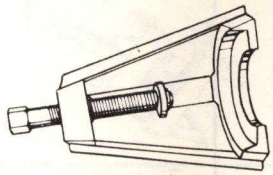
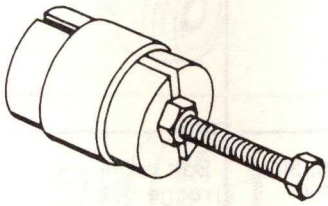
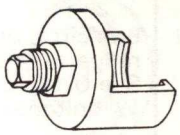
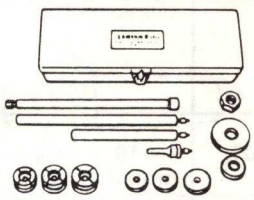
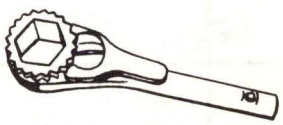
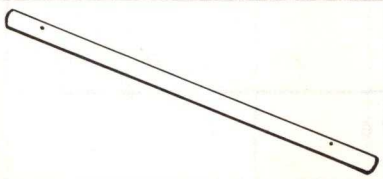
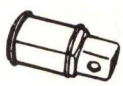
ILLUSTRATION	PART NO.	DESCRIPTION	APPLICATION	REMARKS
	**T58T-6306-A**	Crankshaft Sprocket Remover	401, 477 & 534 Super Duty Truck	
	**T73P-6306-A**	Crankshaft Sprocket Remover	1970-74 2.0 Litre	
	T74P-6306-A	Crankshaft Sprocket Remover	2.3 Litre 4 cylinder	Also used as replacer
	**T77F-6306-A**	Crankshaft Sprocket Remover	1978 through current Fiesta	
	**T65L-6250-A**	Camshaft Bearing Set	Most car & truck engines	Use with D79L-6250-A & -B
	**D79L-6250-A**	Heavy Duty Reversible Ratchet	Universal 1½" hex	Can be used with D79L-6250-B, C, & D Use with T65L-6250-A & T79T-6316-A
	**D79L-6250-B**	Ratchet Handle	Universal	Increases leverage 24" long
	D79L-6250-C	Ratchet Adapter	Universal	1½" hex to ¾" sq. drive
	**D79L-6250-D**	Ratchet Adapter	Universal	1½" hex to 1" sq. drive

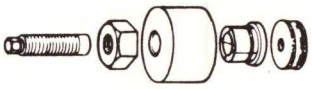
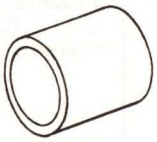
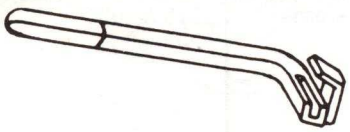
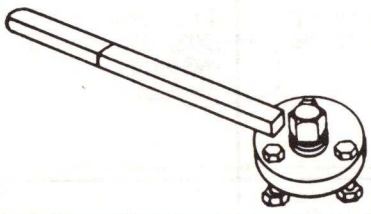
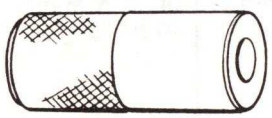
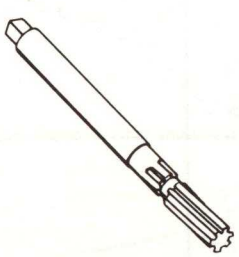
ILLUSTRATION	PART NO.	DESCRIPTION	APPLICATION	REMARKS
	**T71P-6250-A**	Cam Bearing Replacer	All Metric Engines	Use with T65L-6250-A
	**T72C-6250**	Cam Bearing Adapter Tube	2.6 & 2.8 Litre V-6	Use with T65L-6250-A and T71P-6250-A
	**T74P-6254-A**	Camshaft Belt Tensioner Tool	2.3 Litre 4 cylinder	
	**T74P-6256-B**	Cam Holding/Removing Tool	1974-77 2.3 Litre 4 cylinder	
	**T69P-6049-D**	Rocker Arm Stud Replacer	302 & 351-W Engine through 1978	
	T65P-6A527-A	Rocker Arm Stud Replacer	300 Engines through 1978	
	T79T-6527-B	Rocker Arm Stud Replacer	Econoline 300 CID 1979 through current	
	**T62F-6A527-B3**	Rocker Arm Stud Reamer	All engines with 3/8" press fit rocker arm studs	For .006" oversize studs
	T62F-6A527-B5	Rocker Arm Stud Reamer	All engines with 3/8" press fit rocker arm studs	For .015" oversize studs

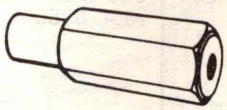
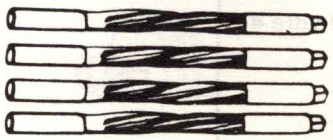
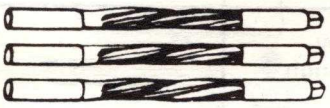
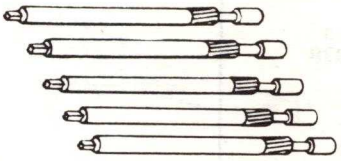
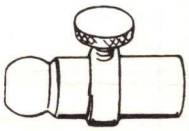
ILLUSTRATION	PART NO.	DESCRIPTION	APPLICATION	REMARKS
	T79T-6527-A	Rocker Arm Stud Remover	All 3/8" dia. rocker arm studs	
	T56T-6085-A	Valve Guide Reamer Kit	Engines with 7/16" dia. valve stems	3 reamers = .003, .015 & .030" oversize
	T52L-6085-AEE	Valve Guide Reamer Kit	Engines with 11/32" dia. valve stems	3 reamers = .003, .015 & .030" oversize
	T58P-6085-B	Valve Guide Reamer Kit	Engines with 3/8" dia. valve stems	4 reamers = .000, .003, .015, & .030 oversize
	T60K-6085-B	Valve Guide Reamer Kit	Engines with 5/16" dia. valve stems	3 reamers = .003, .015 & .030 oversize
	T72C-6085	Valve Guide Reamer Kit	2.0, 2.6 & 2.8 Litre engines — 8 mm dia. valve stems	5 reamers = .0, .2, .4, .6, & .8 mm oversize
	T72J-6510	Valve Guide Remover/Replacer	Courier 1.8 Litre	
	TOOL-6505-E	Valve Stem Clearance Tool	11/32" valves	
	TOOL-6505-F	Valve Stem Clearance Tool	3/8" valves	

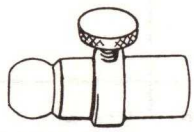
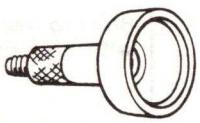
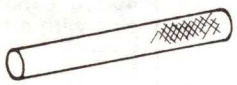
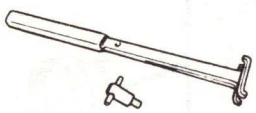
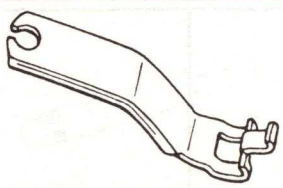
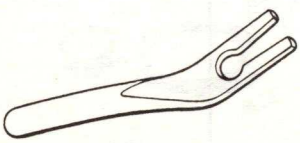
ILLUSTRATION	PART NO.	DESCRIPTION	APPLICATION	REMARKS
	**TOOL-6505-G**	Valve Stem Clearance Tool	5/16" valves	
	T65T-6505-H	Valve Stem Clearance Tool	7/16" valves	
	**TOOL-6565-AB**	Cup Shaped Adapter	Universal	For checking cam lobe lift. Used with dial indicator
	T72J-6571	Valve Seal Remover	Courier 1.8 Litre	Use with T59L-100-B impact hammer
	**T72J-6571-A**	Valve Seal Installer	Courier 1.8 Litre	
	T73P-6571-A	Valve Seal Installer	1970-74 2.0 Litre	
	**T70P-6049-A**	Valve Spring Compressor	351-C, 351-M, & 400 1979 through current 302 & 351-W	
	**T65P-6513-A**	Valve Spring Compressor	200 & 250 6 cylinder	
	**T62F-6565-A**	Valve Spring Compressor	302 & 351-W engines through 1978	

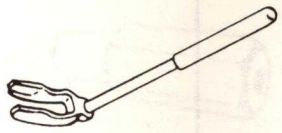
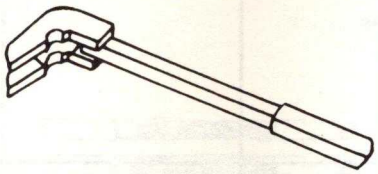
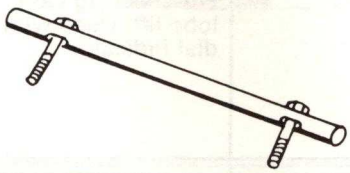
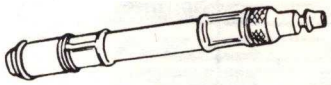
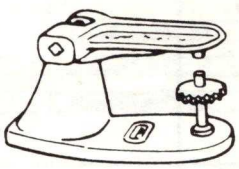
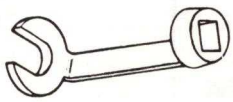
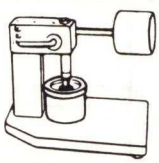
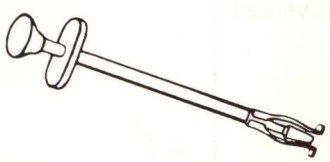
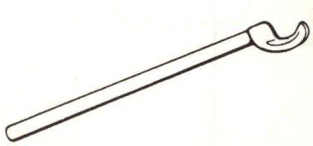
ILLUSTRATION	PART NO.	DESCRIPTION	APPLICATION	REMARKS
	T71P-6565-A	Valve Spring Compressor	1970-74 2.0 Litre	
	T74P-6565-A	Valve Spring Compressor	2.3, 2.6 & 2.8 Litre engines	Use with T74P-6565-B on V-6 engines
	T74P-6565-B	Valve Spring Compressor Bar	2.6 & 2.8 Litre V-6 engines	Bolts to head. Use with T74P-6565-A
	TOOL-6513-ABA	Valve Holdup Air Adapter	Engines with 18 mm thread spark plug hole	Air holds valve up while valve compressor is used.
	TOOL-6513-DD	Valve/Clutch Spring tester	Universal	400 lb. capacity. Use with a torque wrench
	T71P-6549-B	Valve Adjusting Screw Locknut Wrench	1970-74 2.0 Litre	
	TOOL-6500-E	Hydraulic Tappet Leakdown Tester	Universal	
	T70L-6500-A	Hydraulic Lifter Puller	Universal	
	TOOL-6513-K	Tappet Bleed Down Wrench	361 through 1978	

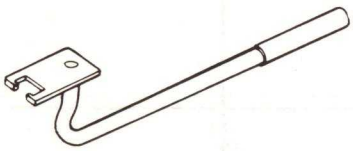
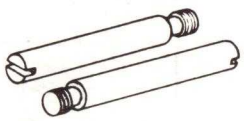
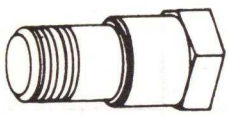
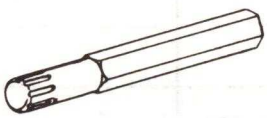
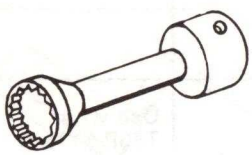
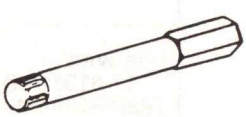
ILLUSTRATION	PART NO.	DESCRIPTION	APPLICATION	REMARKS
	T70P-6513-A	Tappet Bleed Down Wrench	302 & 351-W through 1978. 300 engine	
	T71P-6513-A	Tappet Bleed Down Wrench	351-C, 351-M, & 400 engine. 1979 through current 302 & 351-W	
	T71B-6513-B	Tappet Bleed Down Wrench	429 & 460 CID	
	T71P-6049-A	Head Alignment Studs	1970-74 2.0 Litre	
	T76T-6049-A	Compression Test Adapter	477 & 534 Super Duty Engines	For access to rear cylinders
	T71P-6065-A	Head Bolt Bit	1970-74 2.0 Litre	
	T71P-6065-B	Head Bolt Socket	1.6 litre	
	T71P-6603-A	Oil Pump Bolt Bit	1970-74 2.0 litre	
	T73L-6600-A	Engine Oil Pressure Gauge	Universal	0-100 PSI

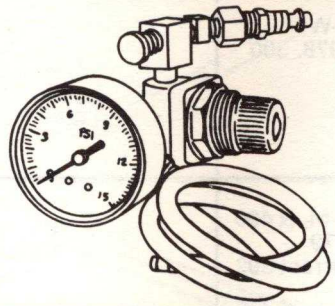
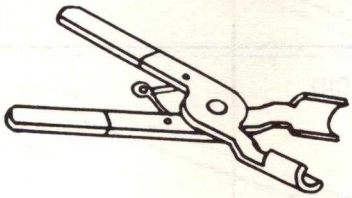
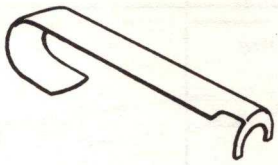
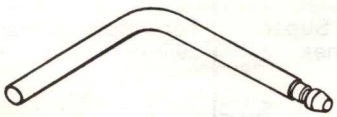
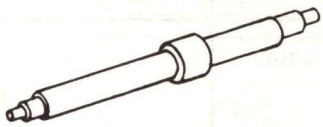
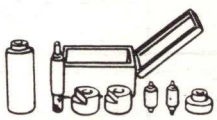
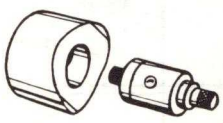
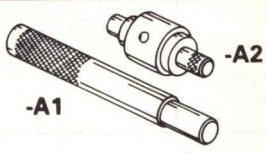
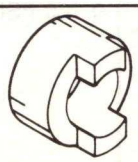
ILLUSTRATION	PART NO.	DESCRIPTION	APPLICATION	REMARKS
	**T79P-6634-A**	Pressure Diagnostic Gauge	1979 through current 2.3 litre turbo-charged engine	Checks waste gate pressure & switch
	**T74P-6666-A**	Spark Plug Wire Remover	Universal	
	**D79P-6666-A**	Spark Plug Boot Puller	Universal	
	**T75L-6666-A**	Plug Boot Installation Tool	Universal	
	**T72J-6135**	Piston Pin Remover/Replacer	Courier 1.8 Litre	Used with supports from T68P-6135-A
	**T68P-6135-A**	Piston Pin Remover/Replacer	2.3 litre & 200, 250, 302, 351-W, 351-C, 429 & 460	
	**T71P-6135-P**	Piston Pin Remover/Replacer	2.0 Litre	Use with T68P-6135-A
	**D79J-6135-A**	Piston Pin Remover-Replacer	2.0 Liter Courier	Use with T74P-6135-A & T68P-6135-A1
	**T74P-6135-A**	Adapter Sleeve	2.0 Liter Courier	Use with D79J-6135-A & T68P-6135-A1

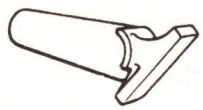
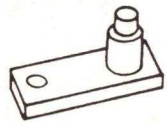
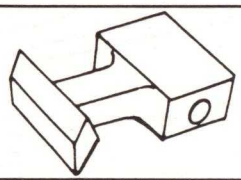
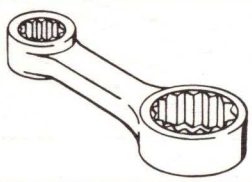
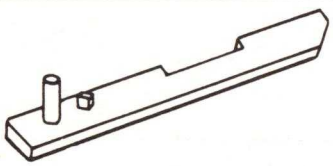
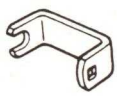
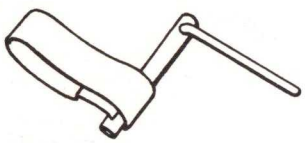
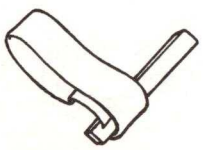
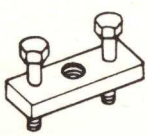
ILLUSTRATION	PART NO.	DESCRIPTION	APPLICATION	REMARKS
	**TOOL-6331**	Main Bearing Insert Tool	351 & 400	Presses upper main insert in or out by revolving the crankshaft — .245 dia.
	TOOL-6331-E	Main Bearing Insert Tool	200, 250, 300, 302, 370, 460 & 429	Presses upper main insert in or out by revolving the crankshaft — .213 dia.
	**T72J-6375**	Flywheel Holding Tool	Courier 1.8 Litre	
	**T74P-6375-A**	Flywheel Holding Tool	Universal	
	**T78T-6068-A**	Engine Mount Torque Adapter	CL 9000 Truck	For rear mount bolts
	**T71P-8620-A**	Engine Timing Belt Gauge	1971-74 2.0 Litre	
	**T68B-9278-A**	Oil Sending Unit Wrench	429	
	**D79L-6731-A**	Oil Filter Wrench	Universal	Filters to 6″ dia. Swivel handle & ⅜″ square drive
	**D79L-6731-B**	Oil Filter Wrench	Universal	Filters to 3¾″ dia. Use ¾″ wrench or ½″ drive ratchet.
	**T72J-6010**	Main Bearing Cap Puller	1.8 Litre Courier	Use with T59L-100-B

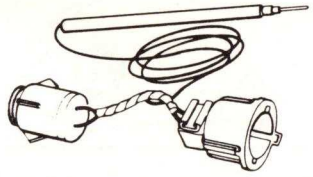
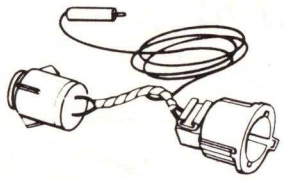
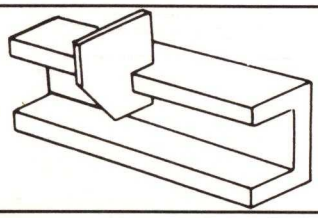
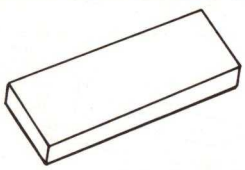
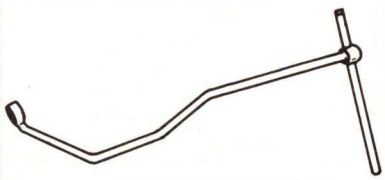
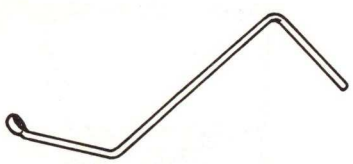
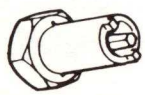
ILLUSTRATION	PART NO.	DESCRIPTION	APPLICATION	REMARKS
	**T78P-12127-A**	Ignition Diagnostic Test Adapter	1978 thru current Versailles with 302 CID engine	
	**T79P-12127-A**	Ignition Diagnostic Test Adapter	1979 thru current 351 W with EEC-II	
	TOOL-12132-H	Distributor Shaft Bushing Remover	Universal	
	**T78P-12200-A**	Distributor Rotor Registry Tool	1978 thru current Versailles with 302 CID engine	
	**T79P-12200-A**	Distributor Alignment Tool	1979 thru current 351 W with EEC-II	
	**D79P-12270-A**	Distributor Lock Bolt Wrench	All with ½" hex hold down bolt	½" double hex
	**D79P-12270-B**	Distributor Lock Bolt Wrench	2.8 Liter V-6	13 mm double hex
	**T64T-12450-A**	Velocity Governor Wrench	Trucks thru 1978 with velocity type governor	

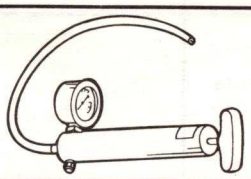
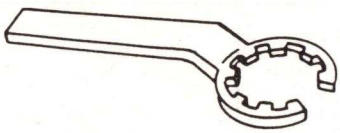
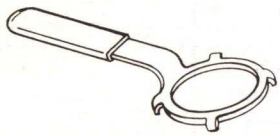
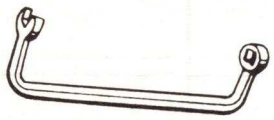
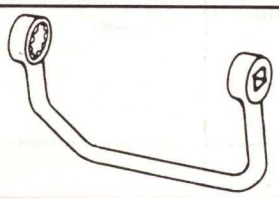
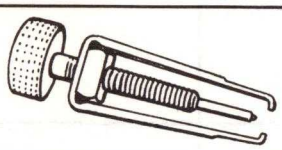
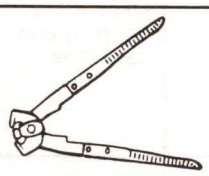
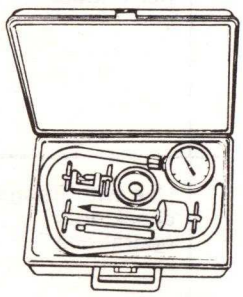
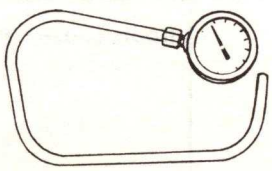
ILLUSTRATION	PART NO.	DESCRIPTION	APPLICATION	REMARKS
	**D80P-250A**	Vacuum Pump	Universal	
	**T74P-9275-A**	Fuel Tank Sender Wrench	Universal, except Fiesta	
	**T77F-9275-A**	Fuel Tank Sender Wrench	1978 through current Fiesta	
	**T72J-9510**	Carburetor Wrench	1971-78 1.8 Litre Courier	
	**T74P-9510-A**	Carburetor Wrench	1974 through current 2.3 Litre	
	**T75L-9500-A**	Limiter Cap Remover		Removes cap without damaging idle mixture screw
	**T63P-9171-A**	Keystone Clamp Pliers	Universal, all sizes	Built-in stop
	**T77L-9500-A**	This Carburetor Service Set for 2700 and 7200 VV Model Carburetors contains one each of: **Too Number** — **Description** **T77L-9510-A** Vacuum Test Tool **T77L-9533-A** Metering Jet Adjustment Tool **T77L-9533-B** Jet Plug Remover **T77L-9533-C** Jet Plug Replacer **T77L-9848-A** Choke Adjustment Tool **T77L-9928-A** Pivot Pin Tool		
	**T77L-9510-A**	Vacuum Test Tool	2700 & 7200 VV Model carburetors	Calibrated in inches of water

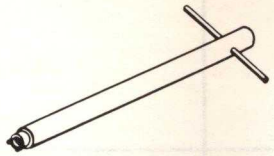
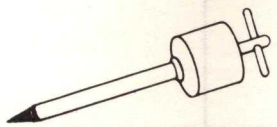
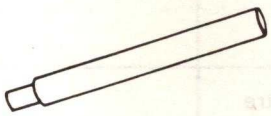
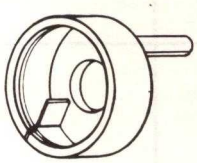
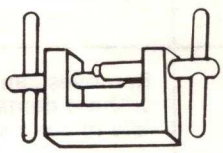
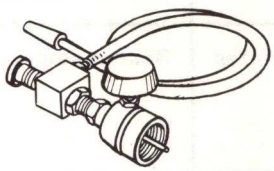
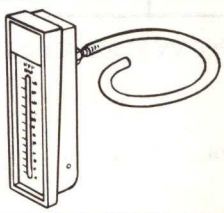
ILLUSTRATION	PART NO.	DESCRIPTION	APPLICATION	REMARKS
	**T77L-9533-A**	Metering Jet Adjusting Tool	2700 & 7200 VV Model carburetors	
	**T77L-9533-B**	Jet Plug Remover	2700 & 7200 VV Model carburetors	
	**T77L-9533-C**	Jet Plug Replacer	2700 & 7200 VV Model carburetors	
	**T77L-9848-A**	Choke Adjustment Tool	2700 & 7200 VV Model carburetors	
	**T77L-9928-A**	Pivot Pin Tool	2700 & 7200 VV Model carburetors	
	**T75L-9600-A**	Carburetor Idle Adjustment Tool	1975 through current	Uses a standard 14 oz. propane cartridge
	**T75L-9850-B**	Choke Flow meter	1975 through current	Air flow in pounds per minute
	T75L-9601-A	Air Cleaner Door Tester	1975 through current	Use with freon to check door operations
	D79P-9500-A	Choke Checker	Universal	Cools choke spring

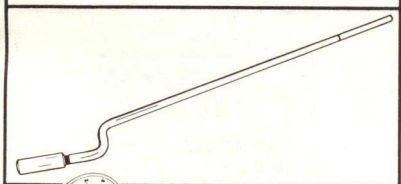
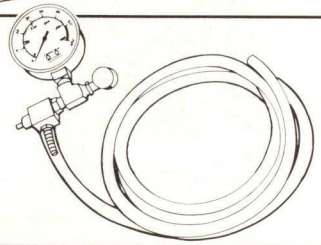
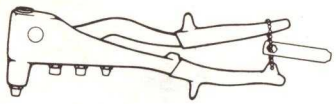
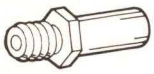
ILLUSTRATION	PART NO.	DESCRIPTION	APPLICATION	REMARKS
	**T80E-9516-A**	Tamper Proof Cap Replacer	2150 Carburetors with metal tamper resistant caps	
	**T80L-9974-A**	E.F.I. Fuel Pressure Gauge	Electronic Fuel Injection	
	**D79P-53700-A**	Hand Riveter	Tamper Proof Choke	
	**D80P-53700-A**	Hand Riveter Adapter	Tamper Proof Choke	Use with D79P-53700-A

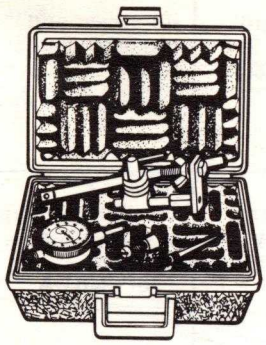
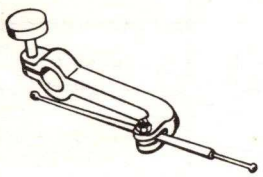
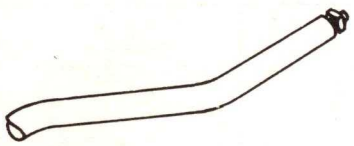
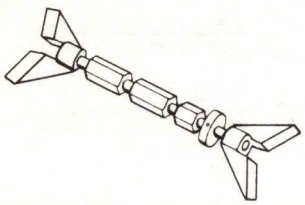
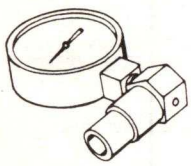
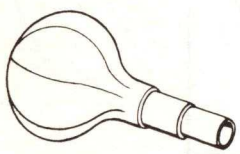
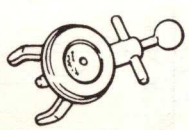
ILLUSTRATION	PART NO.	DESCRIPTION	APPLICATION	REMARKS
	**TOOL-4201-C**	Dial Indicator with Bracketry	Universal	
	**T75L-4201-A**	Indicator Adapter	Universal	Use with TOOL-4201-C for right angle measurements
	**T79L-4201-A**	Turbo Bearing Check Tool	1979 through current 2.3L Turbo-charged engine	Use with TOOL-4201-C to check center bearing radial clearance thru oil return
	**T75L-9480-A**	Thermactor Belt Tension Adjuster	Thermactor Pump Belt	Use with T63L-8620-A
	**T75L-9486-A**	Thermactor Pump, Test Gauge	Thermactor Pump Belt	
	**T75L-9487-A**	Thermactor Check Valve Tester		
	**T63L-8620-A**	Belt Tension Gauge	Universal	Use with T75L-9480-A

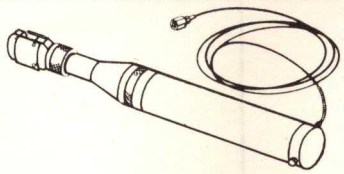
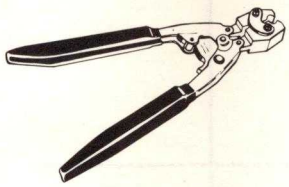
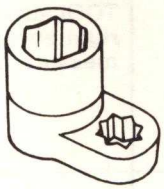
ILLUSTRATION	PART NO.	DESCRIPTION	APPLICATION	REMARKS
	**T78P-9481-A**	Air Hydraulic Clamp Tool	1978 thru current Versailles with 302 CID 1979 Ford & Mercury	Removes and replaces clamps used in EGR system cooler
	**D79P-9481-A**	Manual Clamp Crimper	1979 thru current Fairmont Zephyr, Capri and Mustang	Used on air bypass to converter & same as T78P-9481-A
	**T79P-9472-A**	EGO Sensor Wrench	1979 thru current 351-W with EEC-II	Removes exhaust gas oxygen sensor

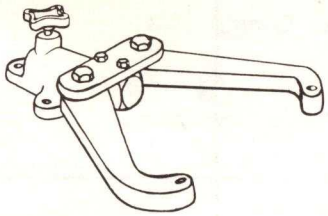
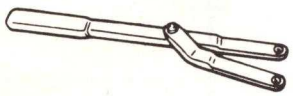
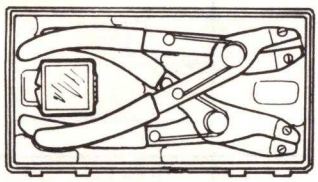
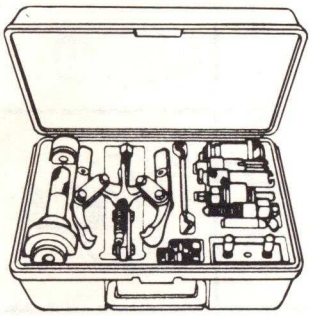
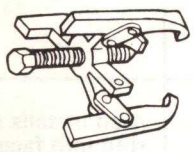
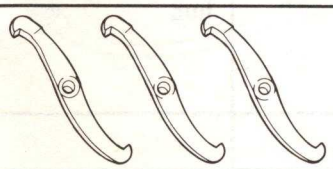
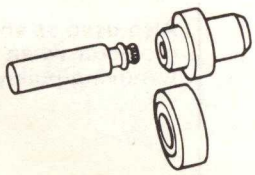
ILLUSTRATION	PART NO.	DESCRIPTION	APPLICATION	REMARKS
	**T57L-500-A**	Bench Mounted Holding Fixture	Universal	
	**T70P-4067-A**	Spanner Wrench	Universal	
	**D79L-7000-A**	Retaining Ring Pliers	Universal	
	**T71P-19703-A**	This six-cylinder compressor service set contains one each of the following: **Part Number** — **Description** **T71P-19703-B** Pulley Remover **T71P-19703-C** "O" Ring Remover **T71P-19703-D** Pulley & Bearing Remover **T71P-19703-E** Plate Remover **T71P-19703-F** Plate Replacer **T71P-19703-G** Seal Remover & Replacer **T71P-19703-H** Seal Protector **T71P-19703-J** "O" Ring Guide **T71P-19703-K** Sleeve **T71P-19703-L** Ring Replacer **T71P-19703-M** Seal Remover & Replacer **T71P-19703-N** Sleeve Retainer & Replacer **T71P-19703-Q** Test Plate **T71P-19703-R** Curved Adapter **T71P-19703-S** Straight Adapter		
	**T71P-19703-B**	Pulley Remover	Six-Cylinder Compressor	
	**D80L-19703-AJ**	Pulley Remover Jaws	Warner Clutch 1980 thru current	Use with T71P-19703-B
	T71P-19703-C	"O" Ring Remover	Six-Cylinder Compressor	
	**T71P-19703-D**	Pulley & Bearing Tool	Six-Cylinder Compressor	

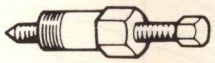
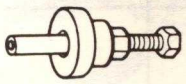
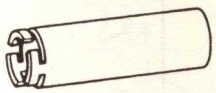
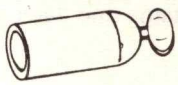
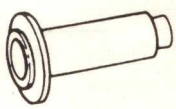
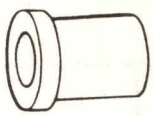
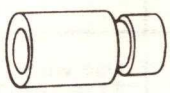
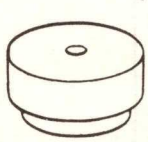
ILLUSTRATION	PART NO.	DESCRIPTION	APPLICATION	REMARKS
	**T71P-19703-E**	Hub Driven Plate Remover	Six-Cylinder Compressor	
	**T71P-19703-F**	Hub Driven Plate Replacer	Six-Cylinder Compressor	
	**T71P-19703-G**	Seal Seat Assembly Tool	Six-Cylinder Compressor	
	**T71P-19703-H**	Shaft Seal Protector	Six-Cylinder Compressor	
	**T71P-19703-J**	"O" Ring Guide	Six-Cylinder Compressor	
	**T71P-19703-K**	"O" Ring Sleeve	Six-Cylinder Compressor	
	**T71P-19703-L**	"O" Ring Replacer	Six-Cylinder Compressor	Also installs snap ring into faceplate hub
	T71P-19703-M	Ceramic Seal Tool	Six-Cylinder Compressor	
	**T71P-19703-N**	Left Sleeve Retainer Replacer	Six-Cylinder Compressor	Also used as shaft protector when removing pulley.

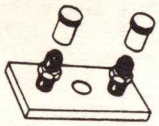
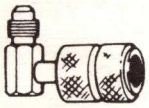
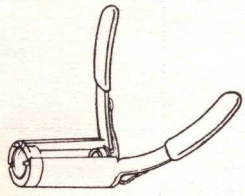
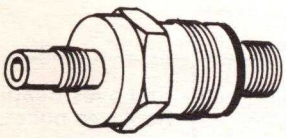
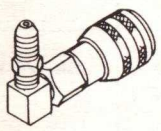
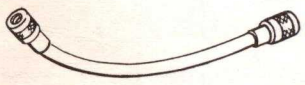
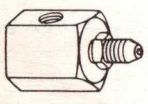
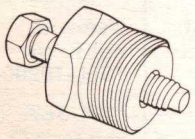
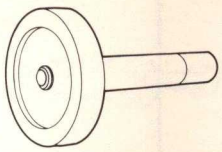
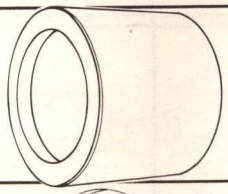
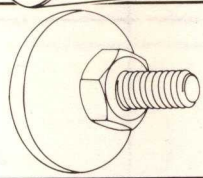
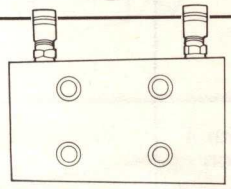
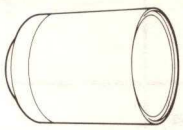
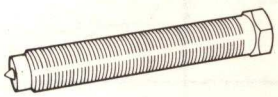
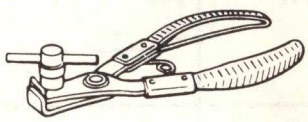
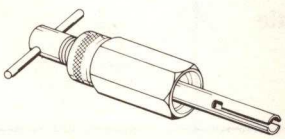
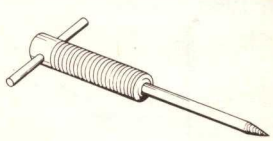
ILLUSTRATION	PART NO.	DESCRIPTION	APPLICATION	REMARKS
	**T71P-19703-Q**	Test Plate	Six-Cylinder Compressor	
	**T71P-19703-R**	Curved Adapter	Six-Cylinder Compressor	
	T71P-19703-S	Straight Adapter	Six-Cylinder Compressor	
	**T71P-19703-T**	Snap Ring Pliers	Six-Cylinder Compressor	Seal seat retaining snap ring.
	**T73P-19703-A**	Standard Valve Test Adapter	All vehicles with a standard suction throttle valve	
	**T77L-19703-A**	Quick Disconnect Test Adapter	All vehicles with a quick disconnect high pressure service access valve.	
	**T77L-19703-B**	Refrigerant Test Line	Use with T77L-19703-C or T73P-19703-A	Use with 15 ounce can of Refrigerant "12"
	**T77L-19703-C**	Combination Valve Test Adapter	All vehicles with a combination suction throttle valve	
	**T80L-19703-B**	Hub Driven Plate Remover	Warner Clutch 1980 thru current	

ILLUSTRATION	PART NO.	DESCRIPTION	APPLICATION	REMARKS
	**T80L-19703-C**	Pulley Bearing Replacer	Warner Clutch 1980 thru current	Use with T80L-19703-E
	**T80L-19703-E**	Clutch Pulley Support	Warner Clutch 1980 thru current	Use with T80L-19703-C & -J
	**T80L-19703-F**	Hub Driven Plate Replacer	Warner Clutch 1980 thru current	
	T80L-19703-G	Shaft Protector	Warner Clutch 1980 thru current	
	**T80L-19703-H**	Pressure Test Plate	ND Compressor 1980 thru current	
	**T80L-19703-J**	Pulley & Bearing Tool	Warner Clutch 1980 thru current	Removes Bearing Replaces pulley
	**T80L-19703-K**	Forcing Screw	Warner Clutch 1980 thru current	Use with T71P-19703-B
	**T67P-18518-A**	Cable Loop Forming Tool	Bowden cable wires	
	**D80L-19990-A**	Fixed Orfice Tube Tool	1980 thru current Ford, Mercury Lincoln & Mark	Removes & installs
	**D80L-19990-B**	Broken Orfice Tube Extractor	1980 thru current Ford, Mercury Lincoln & Mark	Use with nut from T80L-19990-A

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(if different)

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& ZIP CODE
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If you wish to order by mail, send your order with your complete address to Owatonna Tools, Inc., Owatonna, Minnesota 55060 or use the handy pre-addressed order forms provided at the rear of this new Special Service Tool Catalog. Additional forms are available upon request.

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ll information and specifications in this book are effective as of April 1, 1980 and are subject to change without tice. OTI reserves the right to make changes in the design and construction of the tools without being obligated to corporate such changes in the tools already purchased.

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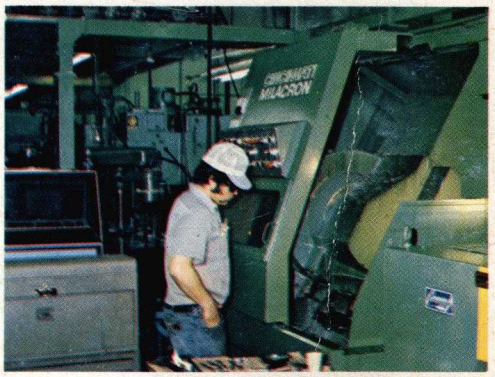

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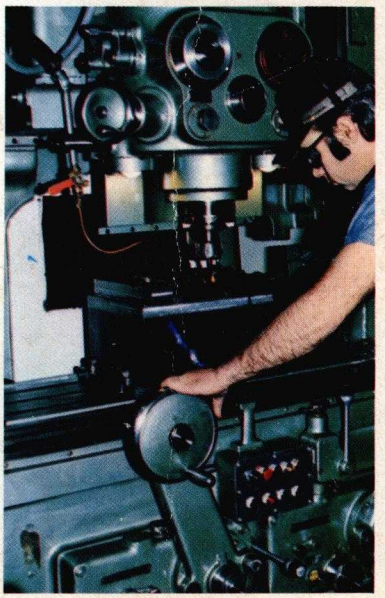

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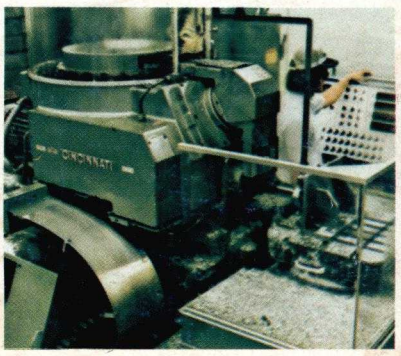

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